# WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985 VOLUME 6

by

R.E. Thomson, W.R. Crawford, and W.S. Huggett

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C. V8L 4B2

1988

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 67(6)

Canada

89-00720/

## Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

## Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

Canadian Data Report of Hydrography and Ocean Sciences No.67(6)

1988

# WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985

VOLUME 6

by

R.E. THOMSON
W.R. CRAWFORD
W.S. HUGGETT

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C. V8L 4B2

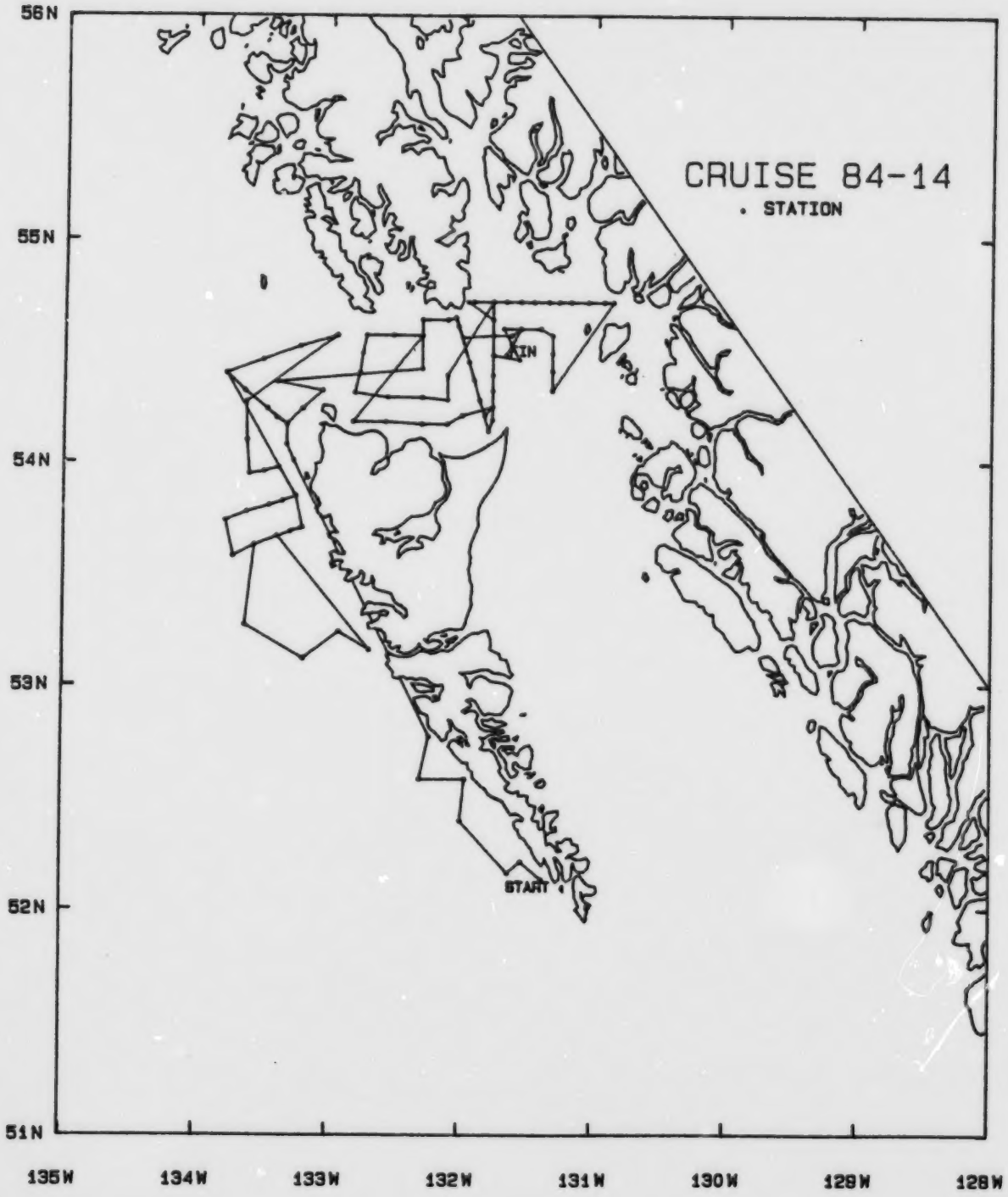
Copyright Minister of Supply and Services Canada - 1988

Cat. No. Fs 97-16/67 ISSN 0711-6721

Correct citation for this publication:

Thomson, R.E., W.R. Crawford and W.S. Huggett. 1988. Water property observations from the North Coast Oceanic Dynamics Experiment (NCODE): May 1983 - December 1985.
Can. Data Rep. Hydrogr. Ocean Sci. 67: (Volume 6) 252p.

# CRUISE 84-14
# 14-31 OCT. 1984


CRUISE 84-14
• STATION
56N
55N
54N
53N
52N
51N
135W
134W
133W
132W
131W
130W
129W
128W
START

NORTH COAST OCEANIC DYNAMICS EXPERIMENT

Key to information written on Plot pages and Listing pages.

PLOT PAGE

Ref. No. Year-Month-Station Consecutive Number
Latitude (°N) Longitude (°W)
Month Day Time (GMT)*

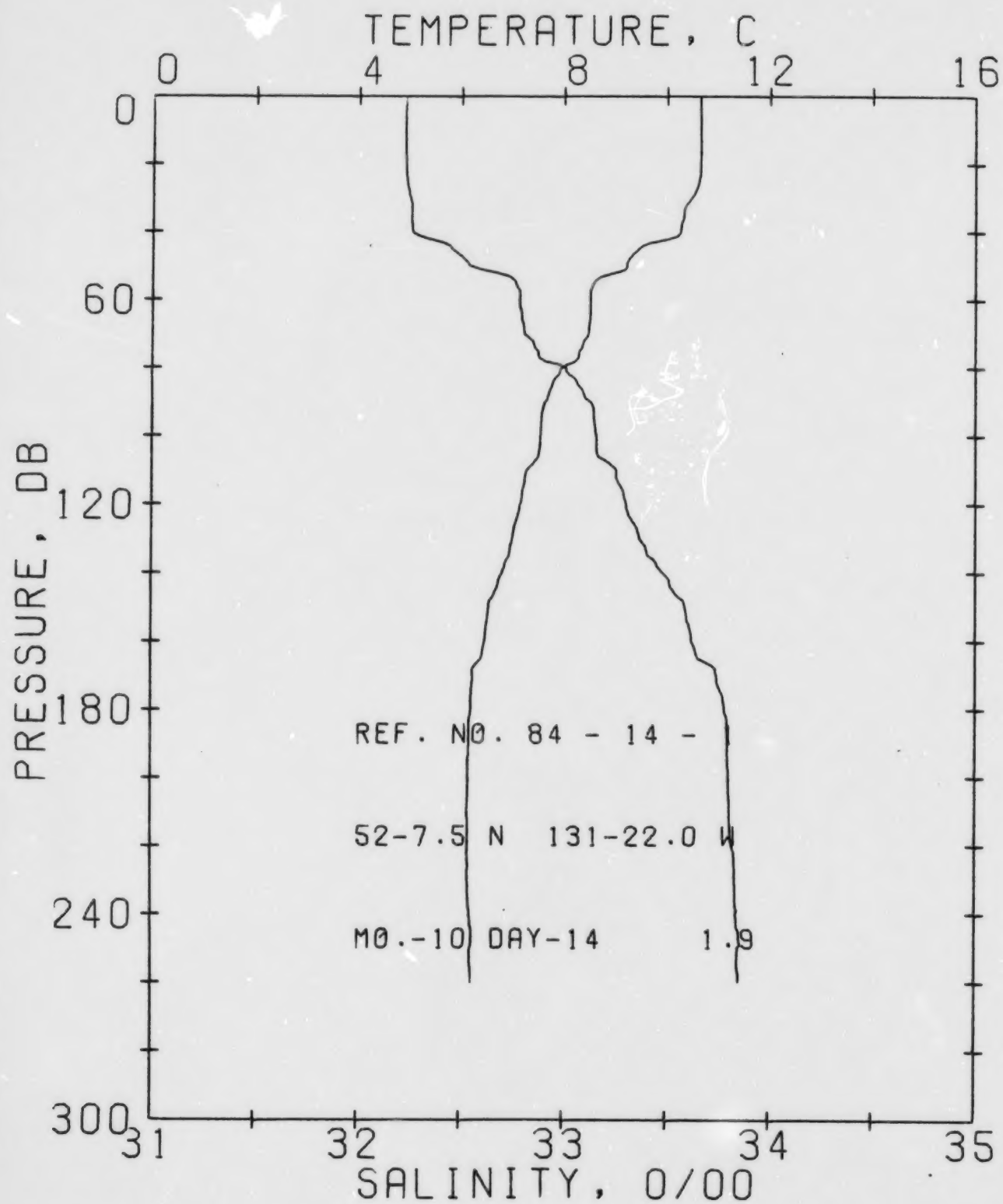
*PST = GMT - 8 hours

LISTING PAGE

Ref. No. Year-Month-Station Reference Number Date (D/Mo/Yr)
Position Latitude (°N) Longitude (°W) GMT (Hours) Station ID
Results of STP Cast ...Number of 1-metre averaged points
taken from digital system... Guildline (CTP) was used...
Pressures (in db) are input

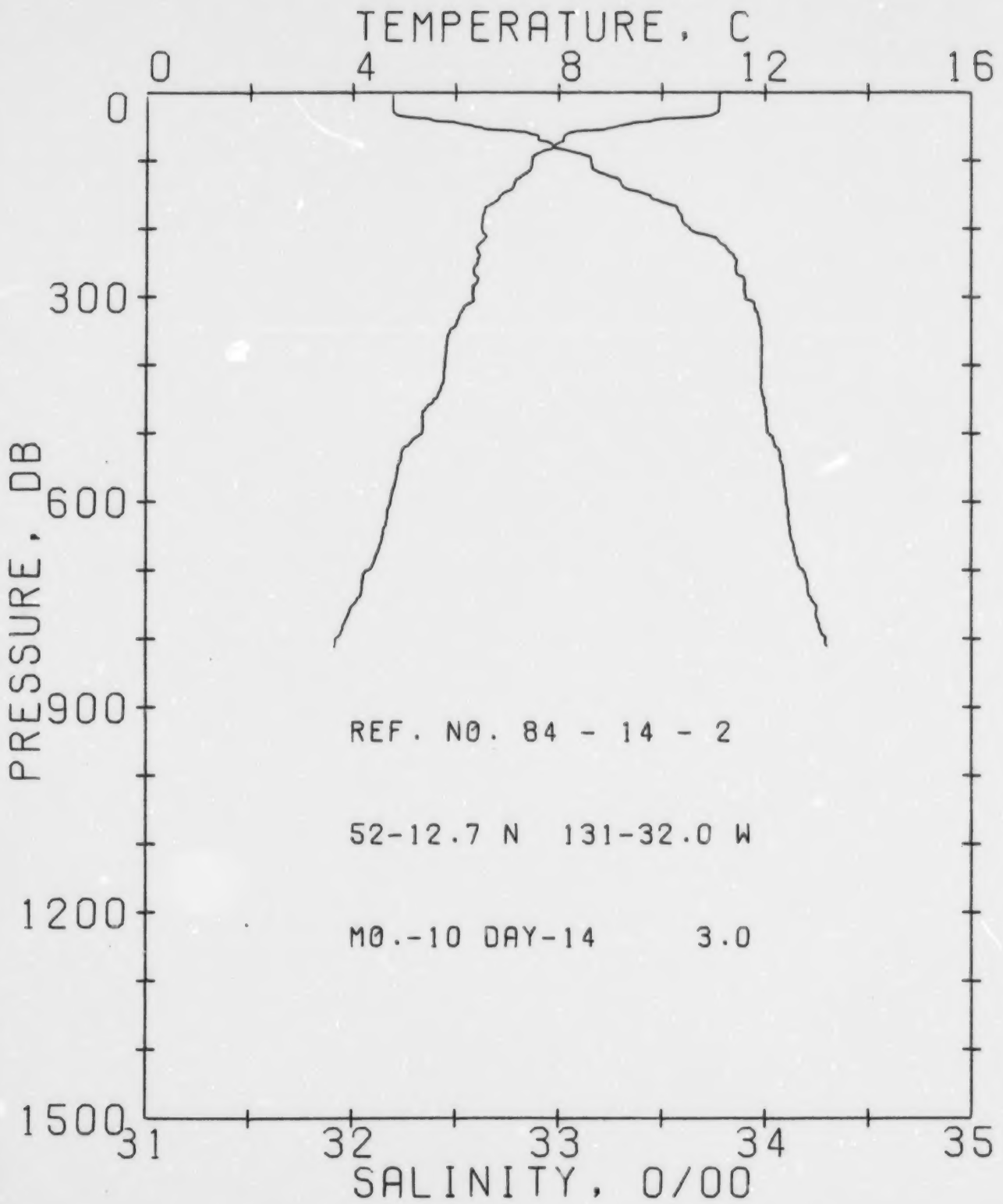
PARAMETERS, SYMBOLS, UNITS

DEPTH: DEPTH in metres
TEMPERATURE: TEMP in degrees Celcius
SALINITY: SAL in grams per kilogram
SIGMA-T: SIG-T (dimensionless)
SPECIFIC VOLUME ANOMALY: SVA in 10Exp(-5)* $cm^3$/gram
GEOPOTENTIAL ANOMALY: DELTA-D in Joules/Kilogram
POTENTIAL ENERGY: POT. EN. in 10Exp(8) Ergs/$cm^2$
SPEED OF SOUND: SOUND in metres/second


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 -
52-7.5 N 131-22.0 W
MO.-10 DAY-14 1.9
31
32
33
34
35
SALINITY, O/OO

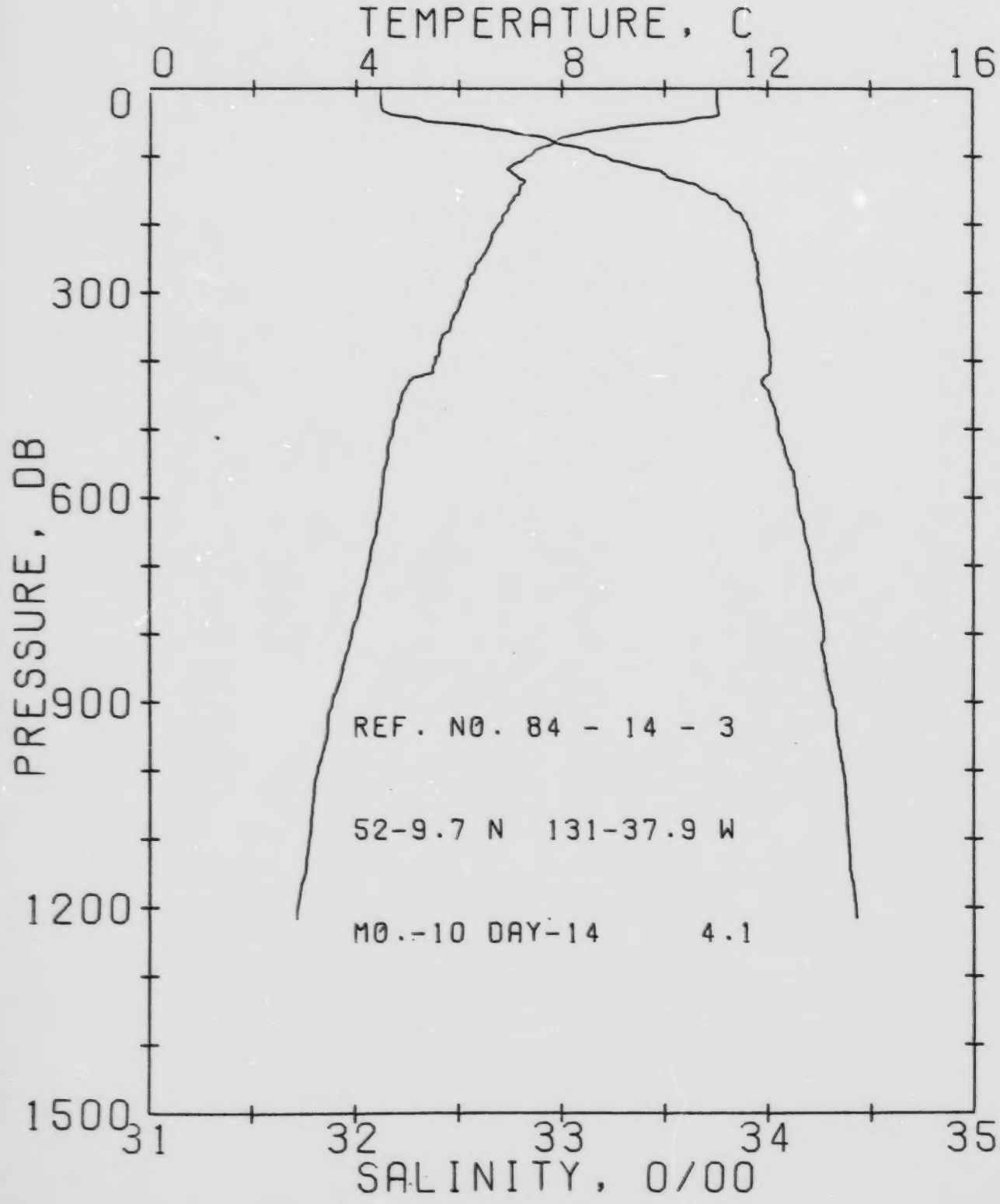
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 1 DATE 14/10/84
POSITION 52- 7.5N, 131-22.0W GMT 1.9 STATION Q 95
RESULTS OF STP CAST 261 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.64 | 32.23 | 0 | 24.71 | 324.7 | .00 | .00 | 1489. |
| 10 | 10.65 | 32.23 | 10 | 24.70 | 325.3 | .33 | .02 | 1489. |
| 20 | 10.65 | 32.23 | 20 | 24.70 | 325.2 | .65 | .07 | 1490. |
| 30 | 10.47 | 32.25 | 30 | 24.75 | 320.7 | .97 | .15 | 1489. |
| 50 | 9.24 | 32.54 | 50 | 25.18 | 280.1 | 1.59 | .40 | 1485. |
| 75 | 8.30 | 32.88 | 75 | 25.59 | 242.0 | 2.22 | .80 | 1483. |
| 100 | 7.54 | 33.16 | 99 | 25.92 | 210.9 | 2.77 | 1.29 | 1480. |
| 125 | 7.07 | 33.34 | 124 | 26.12 | 191.6 | 3.27 | 1.86 | 1479. |
| 150 | 6.54 | 33.59 | 149 | 26.39 | 166.3 | 3.72 | 2.49 | 1478. |
| 175 | 6.20 | 33.77 | 174 | 26.58 | 149.2 | 4.12 | 3.15 | 1477. |
| 200 | 6.14 | 33.80 | 199 | 26.61 | 146.3 | 4.49 | 3.85 | 1477. |
| 225 | 6.15 | 33.83 | 223 | 26.63 | 144.5 | 4.85 | 4.64 | 1478. |
| 250 | 6.19 | 33.84 | 248 | 26.64 | 144.2 | 5.21 | 5.51 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 2
52-12.7 N 131-32.0 W
MO.-10 DAY-14 3.0
31
32
33
34
35
SALINITY, O/OO

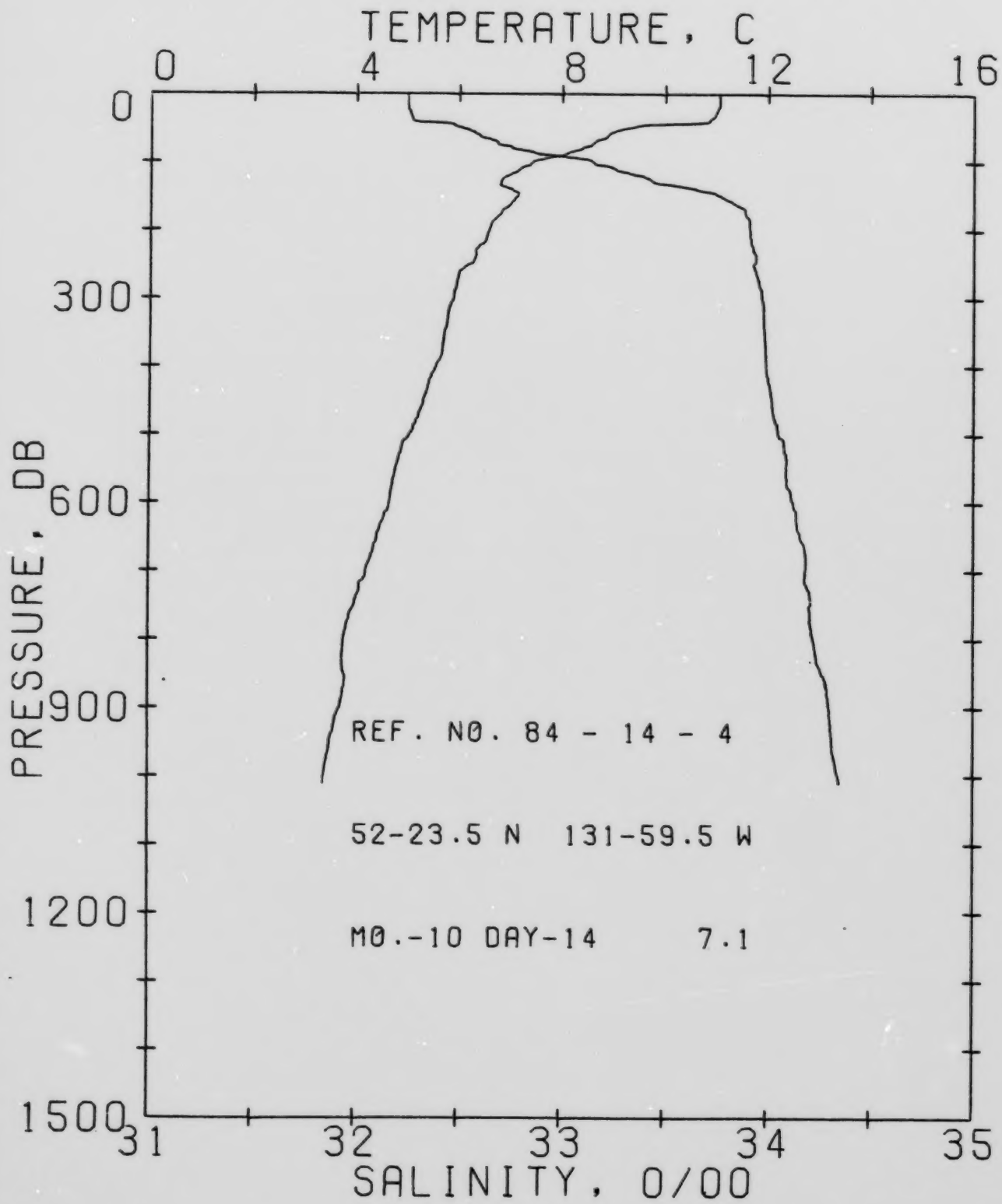
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 2 DATE 14/10/84
POSITION 52-12.7N, 131-32.0W GMT 3.0 STATION Q 4
RESULTS OF STP CAST 813 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.11 | 32.19 | 0 | 24.60 | 335.1 | .00 | .00 | 1491. |
| 10 | 11.11 | 32.19 | 10 | 24.60 | 335.4 | .34 | .02 | 1491. |
| 20 | 11.12 | 32.19 | 20 | 24.60 | 335.6 | .67 | .07 | 1491. |
| 30 | 11.04 | 32.20 | 30 | 24.62 | 333.8 | 1.01 | .15 | 1491. |
| 50 | 9.12 | 32.59 | 50 | 25.24 | 274.8 | 1.61 | .40 | 1485. |
| 75 | 7.96 | 32.97 | 75 | 25.71 | 230.5 | 2.23 | .79 | 1481. |
| 100 | 7.49 | 33.16 | 99 | 25.93 | 210.1 | 2.77 | 1.27 | 1480. |
| 125 | 7.22 | 33.28 | 124 | 26.05 | 198.2 | 3.29 | 1.87 | 1480. |
| 150 | 6.88 | 33.44 | 149 | 26.23 | 182.2 | 3.77 | 2.54 | 1479. |
| 175 | 6.57 | 33.58 | 174 | 26.38 | 167.6 | 4.21 | 3.26 | 1478. |
| 200 | 6.50 | 33.64 | 199 | 26.44 | 162.9 | 4.62 | 4.05 | 1479. |
| 225 | 6.42 | 33.81 | 223 | 26.58 | 149.5 | 5.01 | 4.90 | 1479. |
| 250 | 6.43 | 33.86 | 248 | 26.62 | 146.3 | 5.38 | 5.79 | 1479. |
| 300 | 6.34 | 33.91 | 298 | 26.67 | 142.3 | 6.10 | 7.81 | 1480. |
| 400 | 5.80 | 33.98 | 397 | 26.80 | 130.8 | 7.44 | 12.56 | 1479. |
| 500 | 5.36 | 34.01 | 496 | 26.87 | 124.5 | 8.71 | 18.41 | 1479. |
| 600 | 4.74 | 34.10 | 595 | 27.02 | 111.2 | 9.86 | 24.83 | 1479. |
| 800 | 3.67 | 34.29 | 793 | 27.28 | 86.4 | 11.88 | 39.15 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 3
52-9.7 N 131-37.9 W
MO.-10 DAY-14 4.1
31
32
33
34
35
SALINITY, O/OO

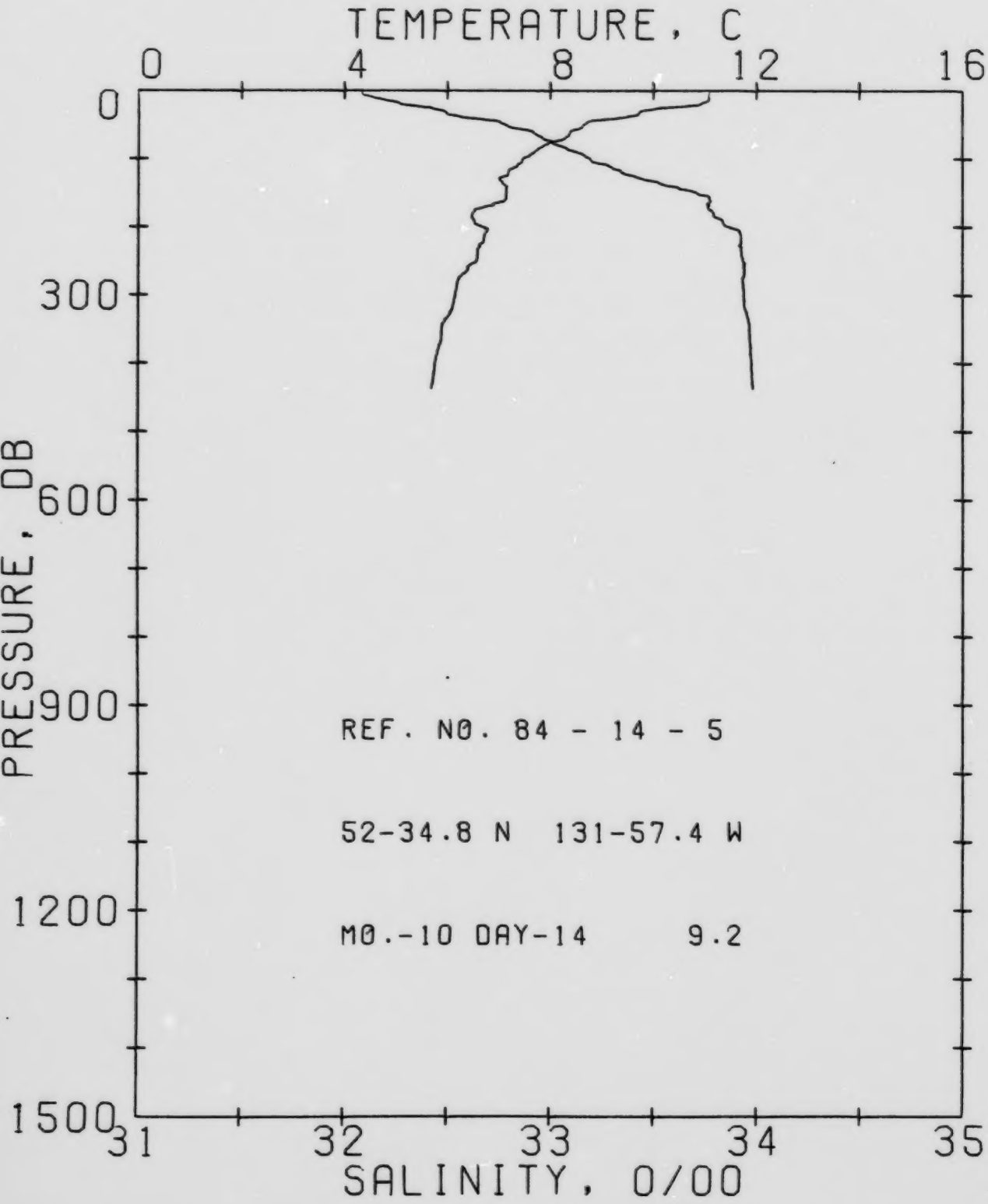
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 3 DATE 14/10/84
POSITION 52- 9.7N, 131-37.9W GMT 4.1 STATION Q 5
RESULTS OF STP CAST 1217 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.02 | 32.12 | 0 | 24.56 | 338.9 | .00 | .00 | 1490. |
| 10 | 11.02 | 32.12 | 10 | 24.56 | 339.1 | .34 | .02 | 1491. |
| 20 | 11.01 | 32.12 | 20 | 24.56 | 339.2 | .68 | .07 | 1491. |
| 30 | 11.04 | 32.12 | 30 | 24.56 | 339.5 | 1.02 | .16 | 1491. |
| 50 | 10.13 | 32.39 | 50 | 24.92 | 305.2 | 1.67 | .42 | 1488. |
| 75 | 7.94 | 32.94 | 75 | 25.69 | 232.4 | 2.32 | .83 | 1481. |
| 100 | 7.33 | 33.22 | 99 | 26.00 | 203.5 | 2.87 | 1.31 | 1480. |
| 125 | 7.05 | 33.49 | 124 | 26.25 | 179.6 | 3.34 | 1.86 | 1479. |
| 150 | 7.18 | 33.70 | 149 | 26.39 | 166.7 | 3.78 | 2.47 | 1480. |
| 175 | 6.99 | 33.83 | 174 | 26.52 | 155.0 | 4.18 | 3.13 | 1480. |
| 200 | 6.78 | 33.90 | 199 | 26.61 | 147.0 | 4.55 | 3.85 | 1480. |
| 225 | 6.63 | 33.92 | 223 | 26.64 | 143.7 | 4.91 | 4.63 | 1480. |
| 250 | 6.44 | 33.94 | 248 | 26.68 | 140.1 | 5.27 | 5.49 | 1480. |
| 300 | 6.10 | 33.97 | 298 | 26.75 | 134.4 | 5.95 | 7.41 | 1479. |
| 400 | 5.56 | 34.01 | 397 | 26.85 | 125.7 | 7.25 | 12.03 | 1479. |
| 500 | 4.73 | 34.05 | 496 | 26.98 | 113.8 | 8.45 | 17.49 | 1477. |
| 600 | 4.49 | 34.15 | 595 | 27.08 | 105.2 | 9.53 | 23.59 | 1478. |
| 800 | 3.93 | 34.27 | 793 | 27.24 | 90.9 | 11.50 | 37.55 | 1479. |
| 1000 | 3.26 | 34.37 | 990 | 27.38 | 78.1 | 13.20 | 53.06 | 1479. |
| 1200 | 2.87 | 34.43 | 1188 | 27.46 | 70.4 | 14.69 | 69.74 | 1481. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 4
52-23.5 N 131-59.5 W
MO.-10 DAY-14 7.1
31
32
33
34
35
SALINITY, O/OO

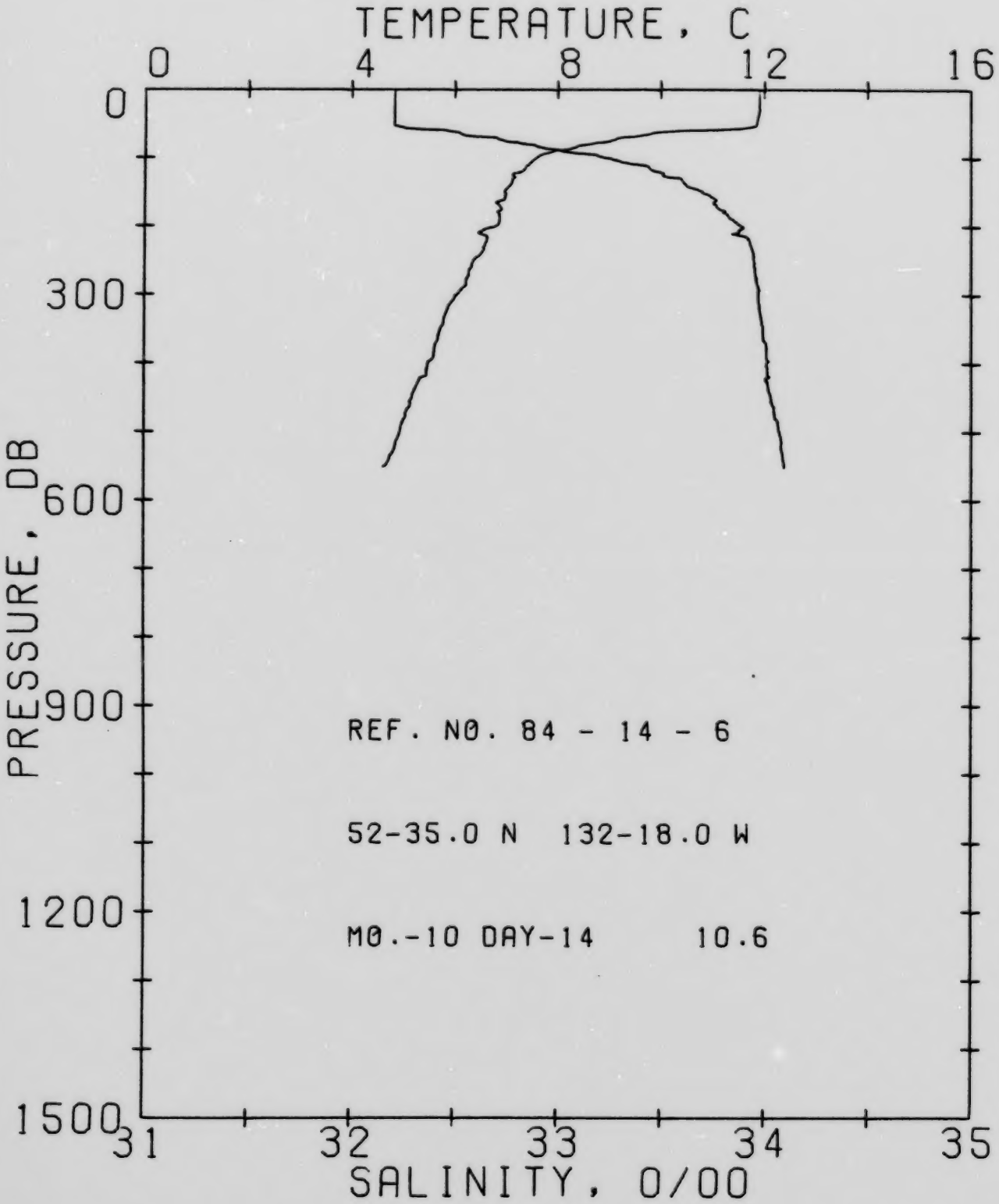
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 4 DATE 14/10/84
POSITION 52-23.5N, 131-59.5W GMT 7.1 STATION Q 90
RESULTS OF STP CAST 1011 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.04 | 32.25 | 0 | 24.65 | 329.8 | .00 | .00 | 1491. |
| 10 | 11.06 | 32.25 | 10 | 24.65 | 330.2 | .33 | .02 | 1491. |
| 20 | 11.04 | 32.25 | 20 | 24.66 | 329.9 | .66 | .07 | 1491. |
| 30 | 10.97 | 32.26 | 30 | 24.68 | 328.2 | .99 | .15 | 1491. |
| 50 | 9.20 | 32.52 | 50 | 25.17 | 281.6 | 1.61 | .40 | 1485. |
| 75 | 8.58 | 32.69 | 75 | 25.40 | 259.7 | 2.29 | .83 | 1483. |
| 100 | 7.43 | 33.15 | 99 | 25.93 | 210.0 | 2.87 | 1.35 | 1480. |
| 125 | 6.84 | 33.42 | 124 | 26.22 | 182.1 | 3.36 | 1.91 | 1478. |
| 150 | 7.13 | 33.77 | 149 | 26.46 | 160.3 | 3.79 | 2.51 | 1480. |
| 175 | 6.83 | 33.89 | 174 | 26.59 | 148.3 | 4.17 | 3.14 | 1480. |
| 200 | 6.59 | 33.91 | 199 | 26.64 | 143.8 | 4.54 | 3.84 | 1479. |
| 225 | 6.38 | 33.93 | 223 | 26.68 | 140.0 | 4.89 | 4.61 | 1479. |
| 250 | 6.20 | 33.93 | 248 | 26.70 | 138.0 | 5.24 | 5.45 | 1479. |
| 300 | 5.90 | 33.97 | 298 | 26.77 | 131.8 | 5.91 | 7.32 | 1478. |
| 400 | 5.56 | 33.99 | 397 | 26.83 | 127.3 | 7.20 | 11.93 | 1478. |
| 500 | 5.04 | 34.05 | 496 | 26.94 | 117.6 | 8.43 | 17.55 | 1478. |
| 600 | 4.66 | 34.13 | 595 | 27.04 | 108.4 | 9.55 | 23.83 | 1478. |
| 800 | 3.77 | 34.22 | 793 | 27.21 | 92.9 | 11.55 | 38.03 | 1478. |
| 1000 | 3.39 | 34.35 | 990 | 27.35 | 80.9 | 13.29 | 53.96 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 5
52-34.8 N 131-57.4 W
MO.-10 DAY-14 9.2
31
32
33
34
35
SALINITY, O/OO

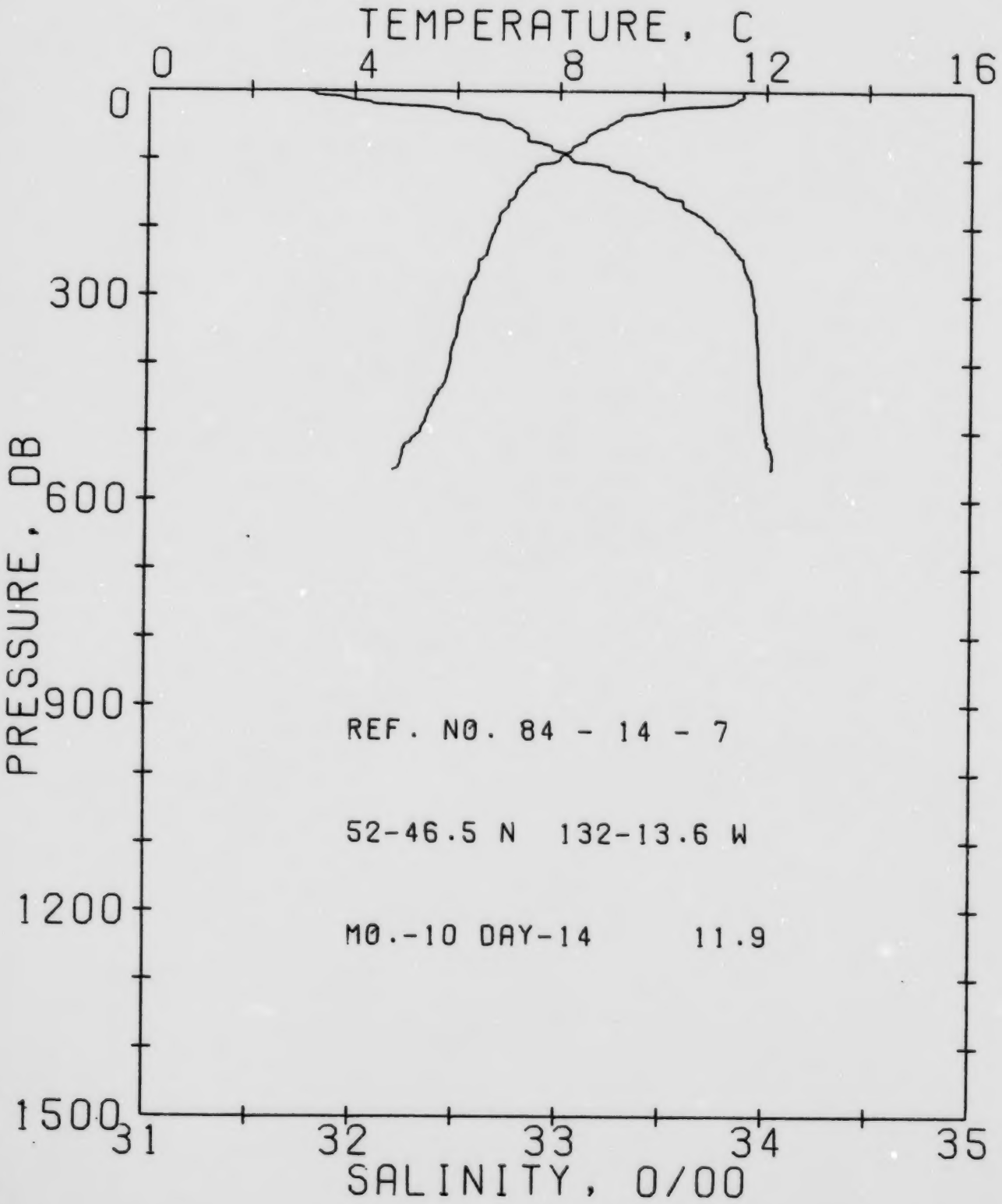
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 5 DATE 14/10/84
POSITION 52-34.8N, 131-57.4W GMT 9.2 STATION Q 87
RESULTS OF STP CAST 439 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.09 | 32.09 | 0 | 24.52 | 342.7 | .00 | .00 | 1491. |
| 10 | 11.07 | 32.14 | 10 | 24.56 | 338.3 | .34 | .02 | 1491. |
| 20 | 10.90 | 32.27 | 20 | 24.70 | 326.0 | .67 | .07 | 1490. |
| 30 | 9.76 | 32.48 | 30 | 25.05 | 292.3 | .98 | .15 | 1487. |
| 50 | 8.64 | 32.78 | 50 | 25.46 | 253.4 | 1.53 | .37 | 1483. |
| 75 | 8.03 | 33.01 | 75 | 25.74 | 227.9 | 2.13 | .75 | 1482. |
| 100 | 7.46 | 33.20 | 99 | 25.96 | 206.9 | 2.68 | 1.23 | 1480. |
| 125 | 7.15 | 33.41 | 124 | 26.17 | 187.5 | 3.17 | 1.80 | 1480. |
| 150 | 7.15 | 33.71 | 149 | 26.41 | 165.1 | 3.61 | 2.42 | 1480. |
| 175 | 6.52 | 33.77 | 174 | 26.54 | 152.7 | 4.01 | 3.07 | 1478. |
| 200 | 6.69 | 33.87 | 199 | 26.59 | 148.0 | 4.38 | 3.79 | 1480. |
| 225 | 6.66 | 33.93 | 223 | 26.64 | 143.9 | 4.75 | 4.58 | 1480. |
| 250 | 6.58 | 33.93 | 248 | 26.66 | 142.5 | 5.10 | 5.44 | 1480. |
| 300 | 6.15 | 33.94 | 298 | 26.72 | 137.4 | 5.80 | 7.39 | 1479. |
| 400 | 5.77 | 33.98 | 397 | 26.80 | 131.0 | 7.13 | 12.15 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 6
52-35.0 N 132-18.0 W
MO.-10 DAY-14 10.6
31
32
33
34
35
SALINITY, O/OO

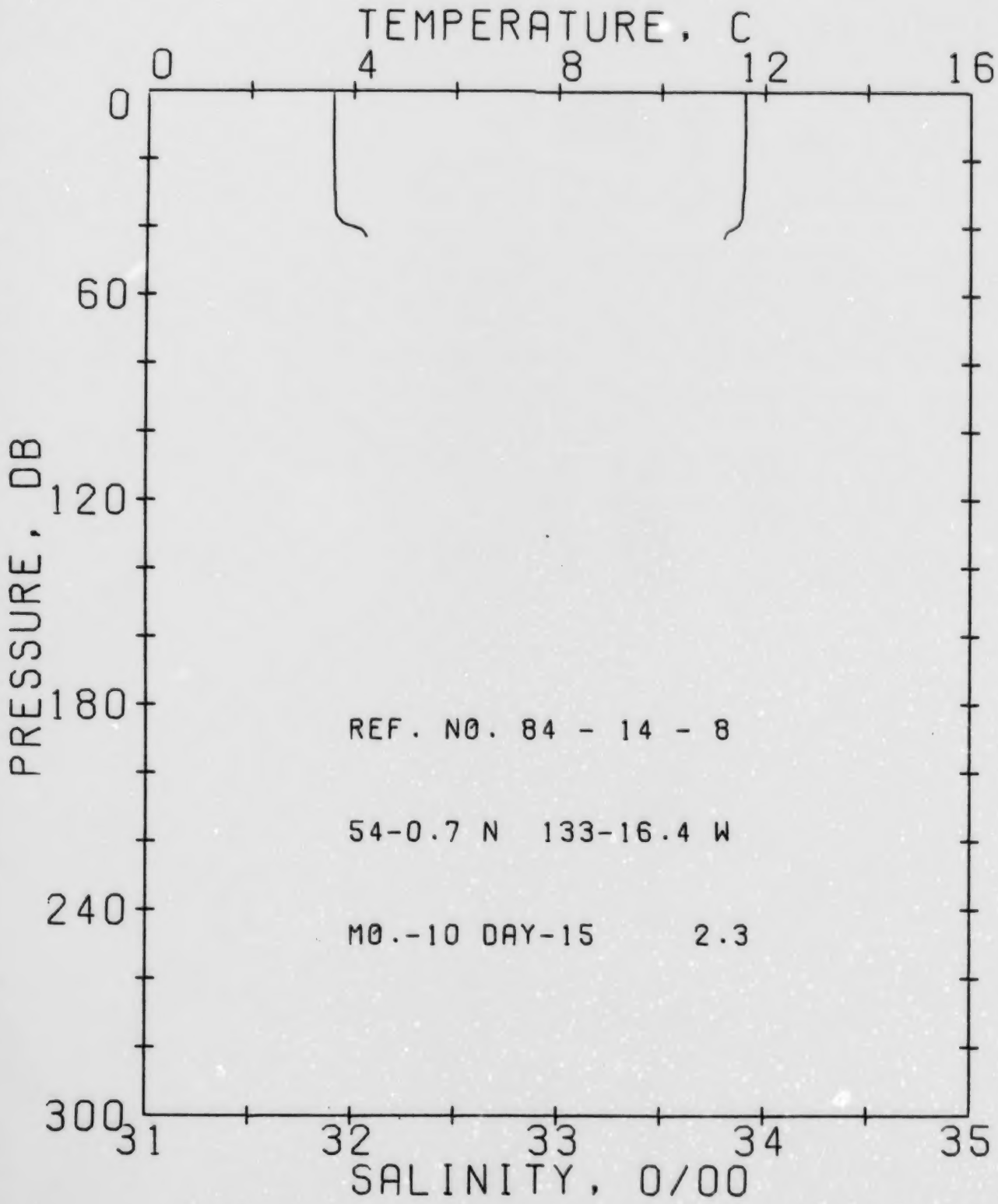
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 6 DATE 14/10/84
POSITION 52-35.0N, 132-18.0W GMT 10.6 STATION Q140
RESULTS OF STP CAST 553 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.90 | 32.21 | 0 | 24.47 | 347.5 | .00 | .00 | 1494. |
| 10 | 11.90 | 32.20 | 10 | 24.46 | 348.1 | .35 | .02 | 1494. |
| 20 | 11.90 | 32.20 | 20 | 24.46 | 348.2 | .70 | .07 | 1494. |
| 30 | 11.90 | 32.21 | 30 | 24.46 | 348.4 | 1.04 | .16 | 1494. |
| 50 | 11.85 | 32.21 | 50 | 24.47 | 347.9 | 1.74 | .44 | 1494. |
| 75 | 9.02 | 32.74 | 75 | 25.37 | 262.5 | 2.50 | .92 | 1485. |
| 100 | 7.57 | 33.24 | 99 | 25.97 | 205.5 | 3.08 | 1.44 | 1481. |
| 125 | 7.11 | 33.51 | 124 | 26.25 | 179.4 | 3.56 | 1.98 | 1480. |
| 150 | 6.95 | 33.70 | 149 | 26.43 | 163.4 | 3.99 | 2.58 | 1480. |
| 175 | 6.91 | 33.78 | 174 | 26.49 | 157.2 | 4.39 | 3.24 | 1480. |
| 200 | 6.78 | 33.89 | 199 | 26.60 | 147.6 | 4.77 | 3.97 | 1480. |
| 225 | 6.58 | 33.93 | 223 | 26.66 | 142.4 | 5.13 | 4.75 | 1480. |
| 250 | 6.35 | 33.95 | 248 | 26.70 | 138.6 | 5.48 | 5.60 | 1479. |
| 300 | 6.02 | 33.97 | 298 | 26.76 | 133.3 | 6.16 | 7.51 | 1479. |
| 400 | 5.46 | 34.00 | 397 | 26.85 | 125.1 | 7.45 | 12.10 | 1478. |
| 500 | 4.92 | 34.07 | 496 | 26.97 | 114.8 | 8.65 | 17.60 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 7
52-46.5 N 132-13.6 W
MO.-10 DAY-14 11.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 7 DATE 14/10/84
POSITION 52-46.5N, 132-13.6W GMT 11.9 STATION Q 85
RESULTS OF STP CAST 557 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

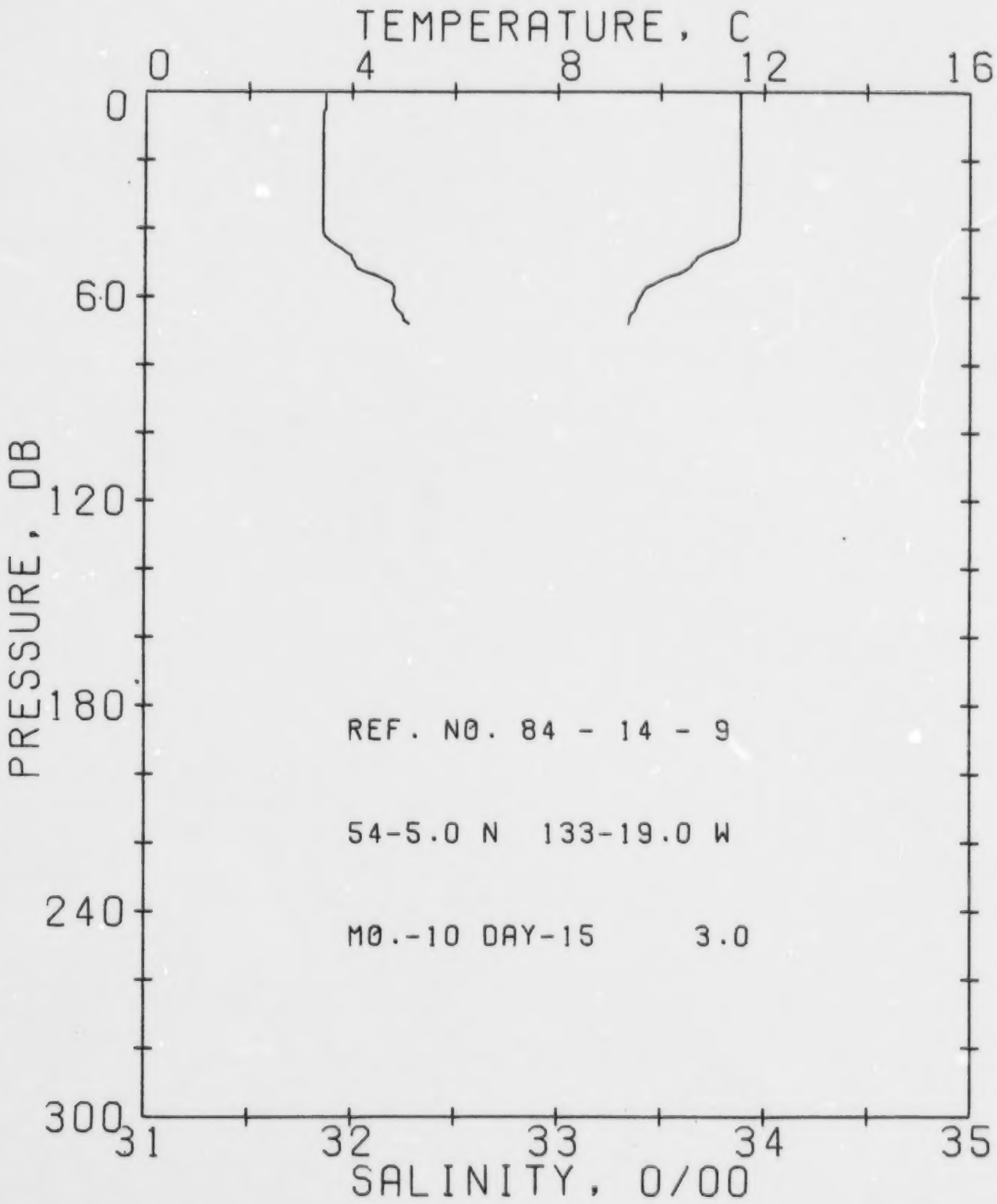
| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.54 | 31.78 | 0 | 24.20 | 373.2 | .00 | .00 | 1492. |
| 10 | 11.47 | 31.95 | 10 | 24.35 | 358.9 | .37 | .02 | 1492. |
| 20 | 11.10 | 32.16 | 20 | 24.57 | 337.7 | .72 | .07 | 1491. |
| 30 | 9.78 | 32.48 | 30 | 25.05 | 292.5 | 1.03 | .15 | 1487. |
| 50 | 8.95 | 32.77 | 50 | 25.40 | 259.4 | 1.57 | .37 | 1484. |
| 75 | 8.44 | 32.90 | 75 | 25.59 | 242.2 | 2.19 | .77 | 1483. |
| 100 | 8.01 | 33.05 | 99 | 25.77 | 225.2 | 2.77 | 1.28 | 1482. |
| 125 | 7.38 | 33.36 | 124 | 26.10 | 194.0 | 3.29 | 1.88 | 1480. |
| 150 | 7.16 | 33.50 | 149 | 26.24 | 181.0 | 3.76 | 2.53 | 1480. |
| 175 | 6.91 | 33.63 | 174 | 26.38 | 168.1 | 4.19 | 3.25 | 1480. |
| 200 | 6.75 | 33.75 | 199 | 26.49 | 157.8 | 4.60 | 4.03 | 1480. |
| 225 | 6.64 | 33.83 | 223 | 26.57 | 150.8 | 4.99 | 4.86 | 1480. |
| 250 | 6.43 | 33.89 | 248 | 26.64 | 143.9 | 5.36 | 5.76 | 1479. |
| 300 | 6.18 | 33.94 | 298 | 26.72 | 137.5 | 6.06 | 7.73 | 1479. |
| 400 | 5.88 | 33.97 | 397 | 26.77 | 133.2 | 7.41 | 12.54 | 1480. |
| 500 | 5.31 | 34.00 | 496 | 26.87 | 124.8 | 8.70 | 18.46 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 8
54-0.7 N 133-16.4 W
MO.-10 DAY-15 2.3
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 8 DATE 15/10/84
POSITION 54- .7N, 133-16.4W GMT 2.3 STATION Q 17
RESULTS OF STP CAST 44 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

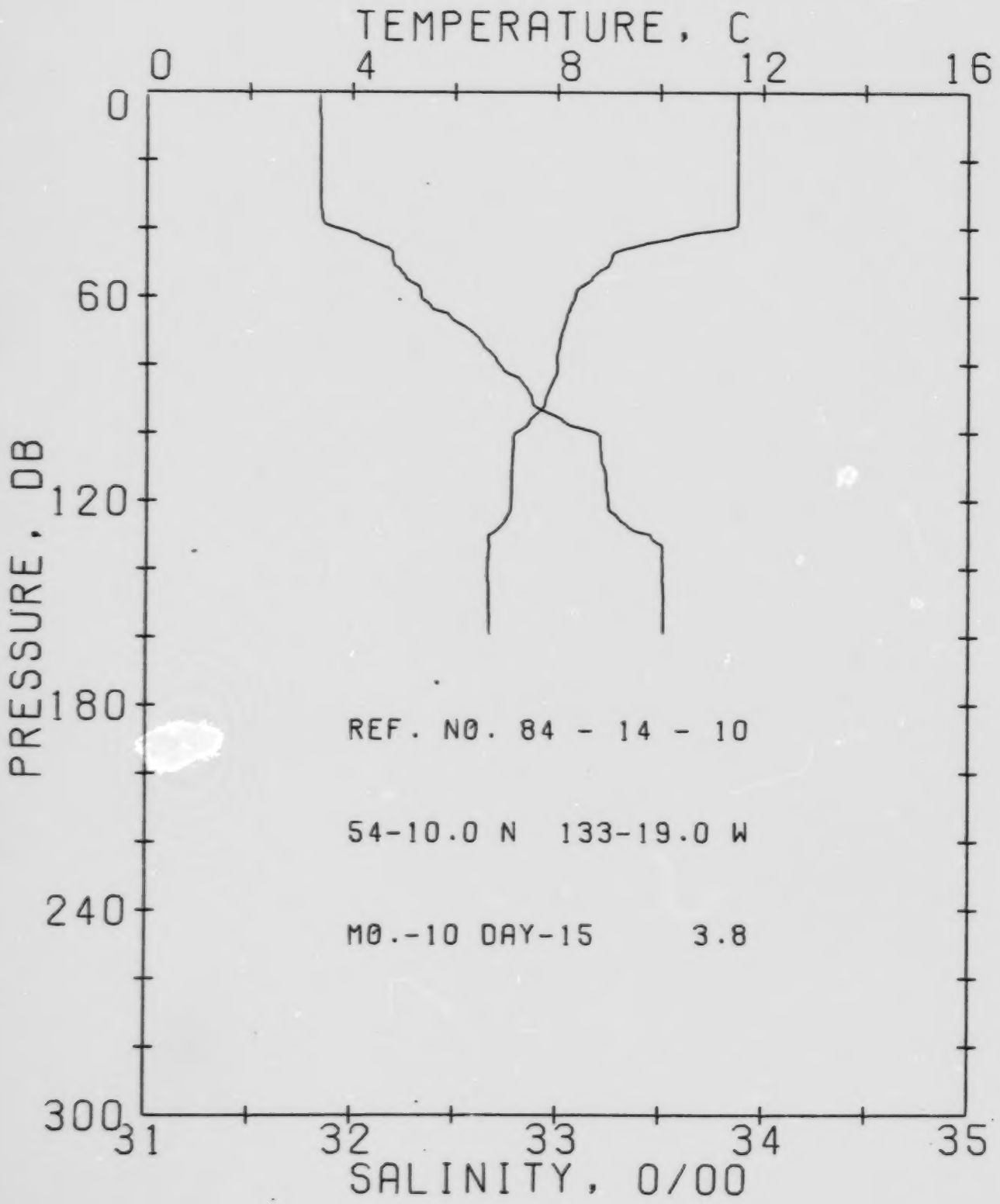
| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.62 | 31.90 | 0 | 24.28 | 365.1 | .00 | .00 | 1492. |
| 10 | 11.62 | 31.90 | 10 | 24.28 | 365.5 | .37 | .02 | 1492. |
| 20 | 11.61 | 31.90 | 20 | 24.28 | 365.3 | .73 | .07 | 1493. |
| 30 | 11.58 | 31.91 | 30 | 24.29 | 364.6 | 1.10 | .17 | 1493. |

| PRES | DEPTH | TEMP | SAL | PRES | DEPTH | TEMP | SAL |
|---|---|---|---|---|---|---|---|
| 0. | | 11.62 | 31.90 | 22. | | 11.60 | 31.91 |
| 1. | | 11.62 | 31.90 | 23. | | 11.60 | 31.91 |
| 2. | | 11.62 | 31.90 | 24. | | 11.60 | 31.91 |
| 3. | | 11.62 | 31.90 | 25. | | 11.60 | 31.91 |
| 4. | | 11.62 | 31.90 | 26. | | 11.60 | 31.91 |
| 5. | | 11.62 | 31.90 | 27. | | 11.60 | 31.91 |
| 6. | | 11.62 | 31.90 | 28. | | 11.60 | 31.91 |
| 7. | | 11.62 | 31.90 | 29. | | 11.59 | 31.91 |
| 8. | | 11.62 | 31.90 | 30. | | 11.58 | 31.91 |
| 9. | | 11.62 | 31.90 | 31. | | 11.58 | 31.91 |
| 10. | | 11.62 | 31.90 | 32. | | 11.57 | 31.91 |
| 11. | | 11.62 | 31.90 | 33. | | 11.57 | 31.91 |
| 12. | | 11.62 | 31.90 | 34. | | 11.57 | 31.91 |
| 13. | | 11.62 | 31.90 | 35. | | 11.57 | 31.91 |
| 14. | | 11.62 | 31.90 | 36. | | 11.57 | 31.92 |
| 15. | | 11.61 | 31.90 | 37. | | 11.56 | 31.92 |
| 16. | | 11.61 | 31.90 | 38. | | 11.54 | 31.94 |
| 17. | | 11.61 | 31.90 | 39. | | 11.51 | 31.95 |
| 18. | | 11.61 | 31.91 | 40. | | 11.41 | 32.00 |
| 19. | | 11.61 | 31.90 | 41. | | 11.28 | 32.04 |
| 20. | | 11.61 | 31.90 | 42. | | 11.24 | 32.06 |
| 21. | | 11.60 | 31.91 | 43. | | 11.21 | 32.07 |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 9
54-5.0 N 133-19.0 W
MO.-10 DAY-15 3.0
31
32
33
34
35
SALINITY, O/OO

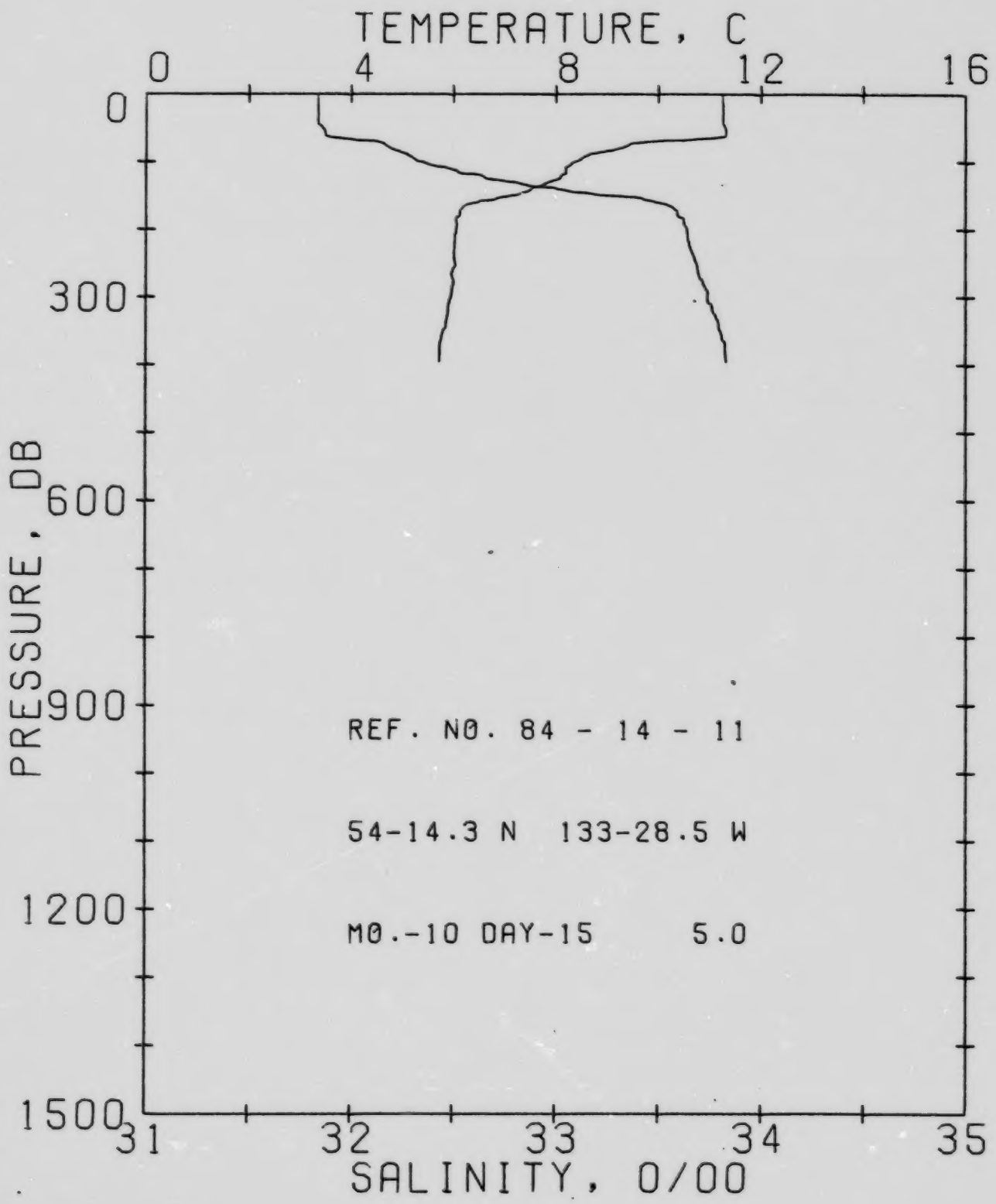
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 9 DATE 15/10/84
POSITION 54- 5.0N, 133-19.0W GMT 3.0 STATION Q 65
RESULTS OF STP CAST 69 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.54 | 31.87 | 0 | 24.27 | 366.1 | .00 | .00 | 1492. |
| 10 | 11.54 | 31.86 | 10 | 24.26 | 367.2 | .37 | .02 | 1492. |
| 20 | 11.55 | 31.86 | 20 | 24.26 | 367.5 | .73 | .07 | 1492. |
| 30 | 11.54 | 31.86 | 30 | 24.26 | 367.5 | 1.10 | .17 | 1492. |
| 50 | 10.62 | 32.01 | 50 | 24.54 | 341.2 | 1.83 | .46 | 1490. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 10
54-10.0 N 133-19.0 W
MO.-10 DAY-15 3.8
31
32
33
34
35
SALINITY, O/OO

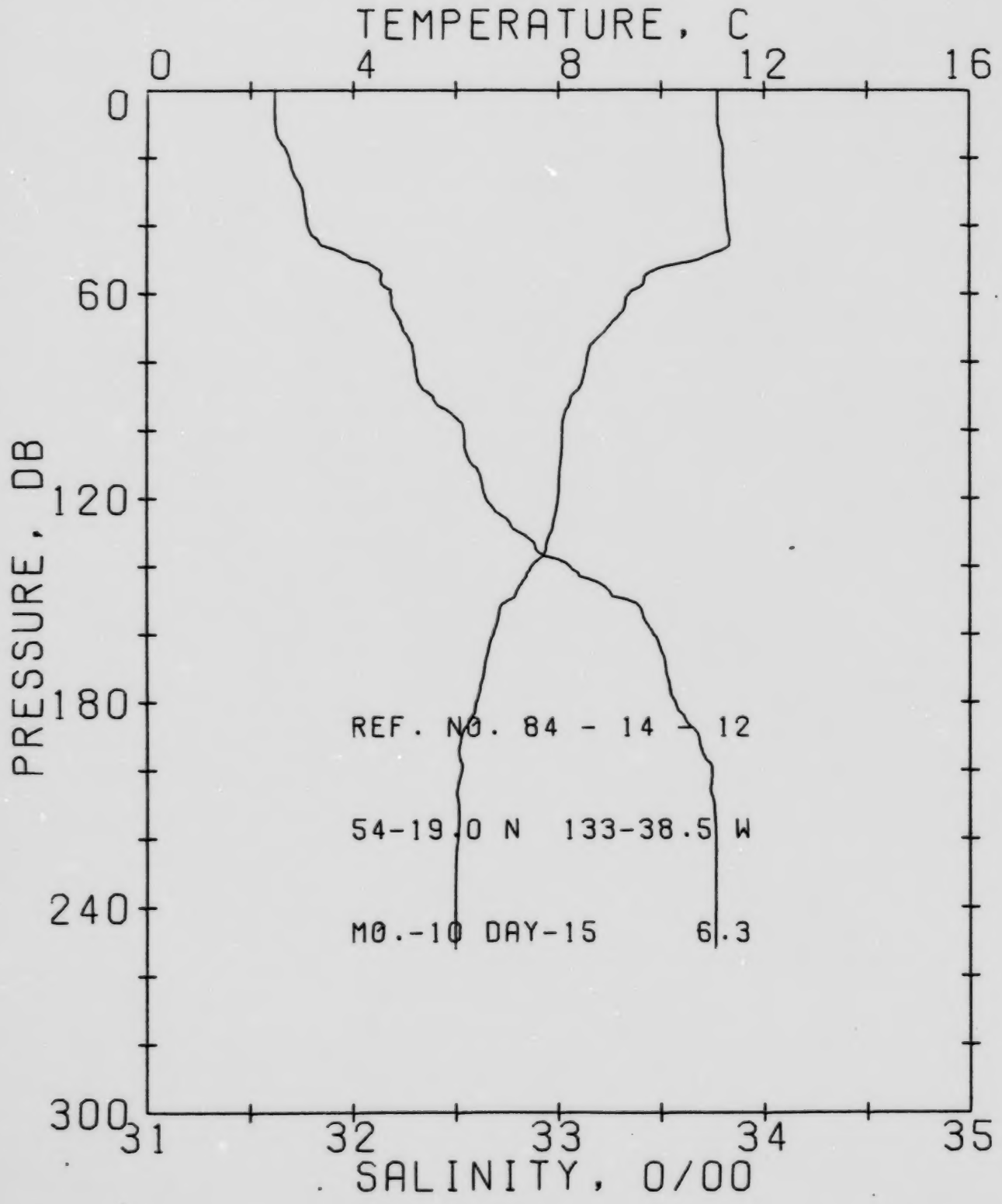
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 10 DATE 15/10/84
POSITION 54-10.0N, 133-19.0W GMT 3.8 STATICN Q 30
RESULTS OF STP CAST 160 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.50 | 31.84 | 0 | 24.25 | 367.7 | .00 | .00 | 1492. |
| 10 | 11.50 | 31.85 | 10 | 24.26 | 367.6 | .37 | .02 | 1492. |
| 20 | 11.50 | 31.85 | 20 | 24.26 | 367.8 | .74 | .07 | 1492. |
| 30 | 11.50 | 31.84 | 30 | 24.26 | 368.1 | 1.10 | .17 | 1492. |
| 50 | 9.02 | 32.20 | 50 | 24.95 | 302.3 | 1.79 | .45 | 1484. |
| 75 | 8.05 | 32.64 | 75 | 25.44 | 255.7 | 2.48 | .88 | 1481. |
| 100 | 7.19 | 33.19 | 99 | 26.00 | 203.4 | 3.07 | 1.41 | 1479. |
| 125 | 7.03 | 33.30 | 124 | 26.10 | 193.8 | 3.57 | 1.98 | 1479. |
| 150 | 6.67 | 33.52 | 149 | 26.32 | 173.4 | 4.02 | 2.60 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 11
54-14.3 N 133-28.5 W
MO.-10 DAY-15 5.0
31
32
33
34
35
SALINITY, O/OO

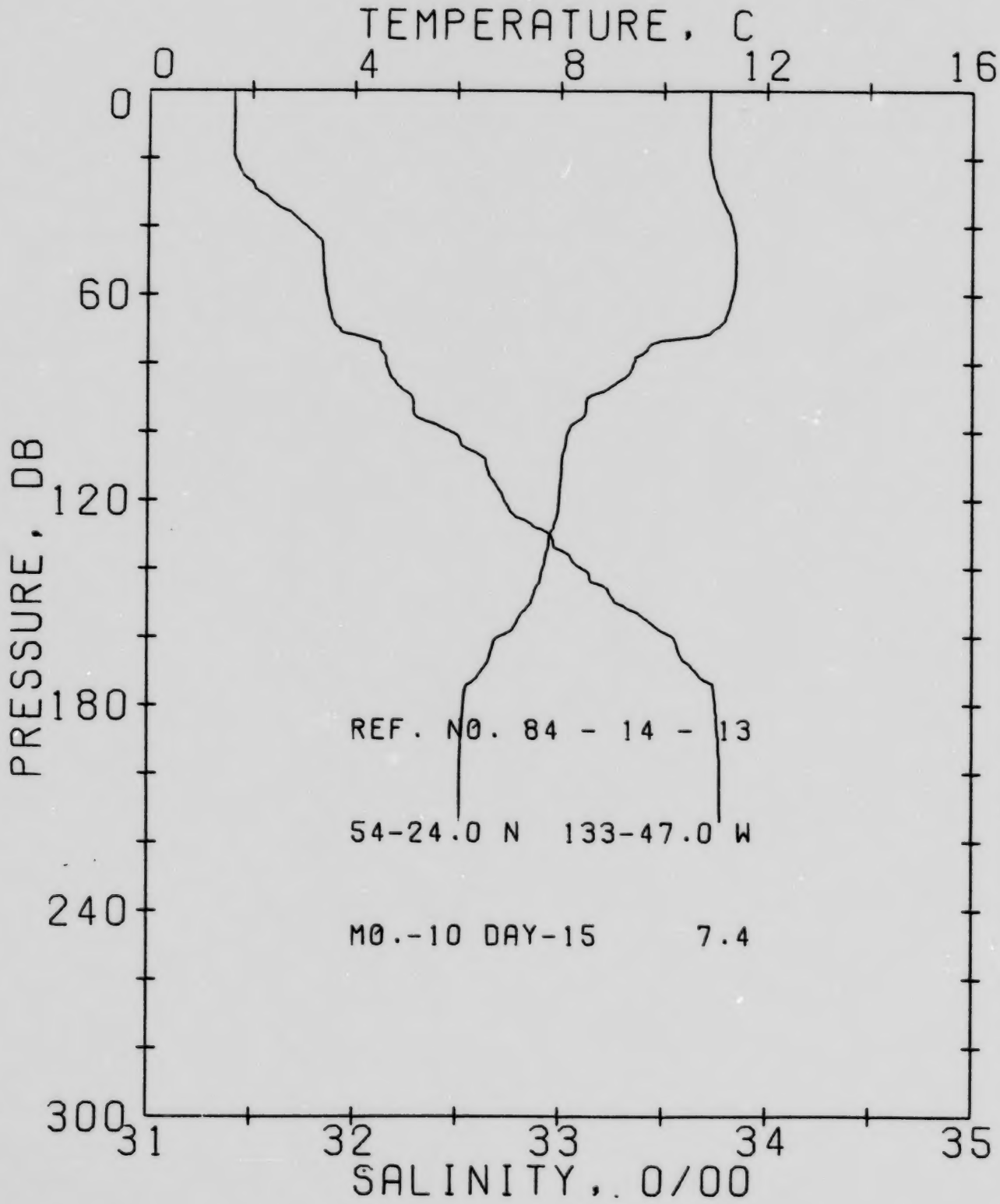
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 11 DATE 15/10/84
POSITION 54-14.3N, 133-28.5W GMT 5.0 STATION Q 32
RESULTS OF STP CAST 397 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.25 | 31.84 | 0 | 24.30 | 363.6 | .00 | .00 | 1491. |
| 10 | 11.25 | 31.84 | 10 | 24.30 | 363.9 | .36 | .02 | 1491. |
| 20 | 11.26 | 31.84 | 20 | 24.30 | 364.1 | .73 | .07 | 1491. |
| 30 | 11.27 | 31.84 | 30 | 24.30 | 364.3 | 1.09 | .17 | 1491. |
| 50 | 11.31 | 31.86 | 50 | 24.30 | 363.9 | 1.82 | .46 | 1492. |
| 75 | 9.41 | 32.17 | 75 | 24.86 | 311.1 | 2.69 | 1.01 | 1486. |
| 100 | 8.34 | 32.35 | 99 | 25.17 | 281.9 | 3.43 | 1.67 | 1482. |
| 125 | 8.07 | 32.66 | 124 | 25.45 | 255.3 | 4.10 | 2.44 | 1482. |
| 150 | 7.13 | 33.29 | 149 | 26.08 | 196.3 | 4.67 | 3.23 | 1480. |
| 175 | 6.11 | 33.59 | 174 | 26.45 | 161.0 | 5.10 | 3.94 | 1477. |
| 200 | 6.05 | 33.64 | 199 | 26.50 | 157.0 | 5.49 | 4.70 | 1477. |
| 225 | 6.02 | 33.65 | 223 | 26.51 | 155.9 | 5.88 | 5.54 | 1477. |
| 250 | 6.04 | 33.69 | 248 | 26.53 | 154.0 | 6.27 | 6.48 | 1478. |
| 300 | 5.95 | 33.74 | 298 | 26.59 | 149.7 | 7.03 | 8.60 | 1478. |
| 400 | 5.72 | 33.83 | 397 | 26.69 | 141.2 | 8.48 | 13.77 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 12
54-19.0 N 133-38.5 W
MO.-10 DAY-15 6.3
31
32
33
34
35
SALINITY, O/OO

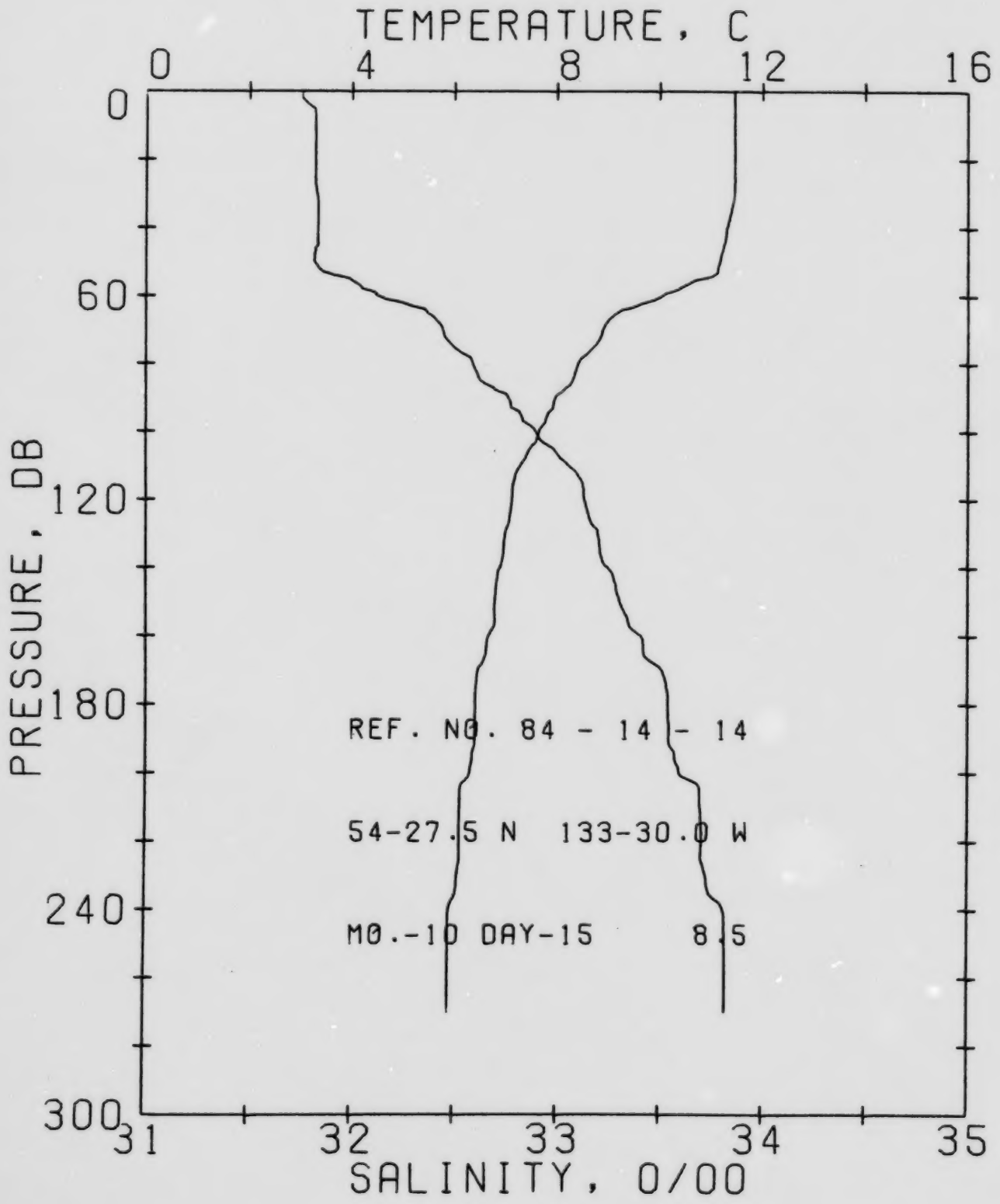
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 12 DATE 15/10/84
POSITION 54-19.0N, 133-38.5W GMT 6.3 STATION Q 33
RESULTS OF STP CAST 253 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.10 | 31.62 | 0 | 24.15 | 377.2 | .00 | .00 | 1490. |
| 10 | 11.09 | 31.62 | 10 | 24.16 | 377.2 | .38 | .02 | 1490. |
| 20 | 11.20 | 31.69 | 20 | 24.19 | 374.0 | .75 | .08 | 1491. |
| 30 | 11.24 | 31.76 | 30 | 24.24 | 370.1 | 1.13 | .17 | 1491. |
| 50 | 10.72 | 32.00 | 50 | 24.52 | 343.7 | 1.86 | .47 | 1490. |
| 75 | 8.62 | 32.29 | 75 | 25.08 | 290.0 | 2.63 | .96 | 1483. |
| 100 | 8.07 | 32.54 | 99 | 25.36 | 264.0 | 3.33 | 1.58 | 1482. |
| 125 | 7.94 | 32.73 | 124 | 25.52 | 248.9 | 3.98 | 2.32 | 1482. |
| 150 | 7.02 | 33.34 | 149 | 26.13 | 191.2 | 4.54 | 3.10 | 1479. |
| 175 | 6.49 | 33.54 | 174 | 26.36 | 169.6 | 4.98 | 3.84 | 1478. |
| 200 | 6.13 | 33.75 | 199 | 26.57 | 150.0 | 5.38 | 4.60 | 1477. |
| 225 | 6.01 | 33.76 | 223 | 26.60 | 147.6 | 5.75 | 5.40 | 1477. |
| 250 | 5.99 | 33.76 | 248 | 26.60 | 147.7 | 6.12 | 6.29 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 13
54-24.0 N 133-47.0 W
MO.-10 DAY-15 7.4
31
32
33
34
35
SALINITY, O/OO

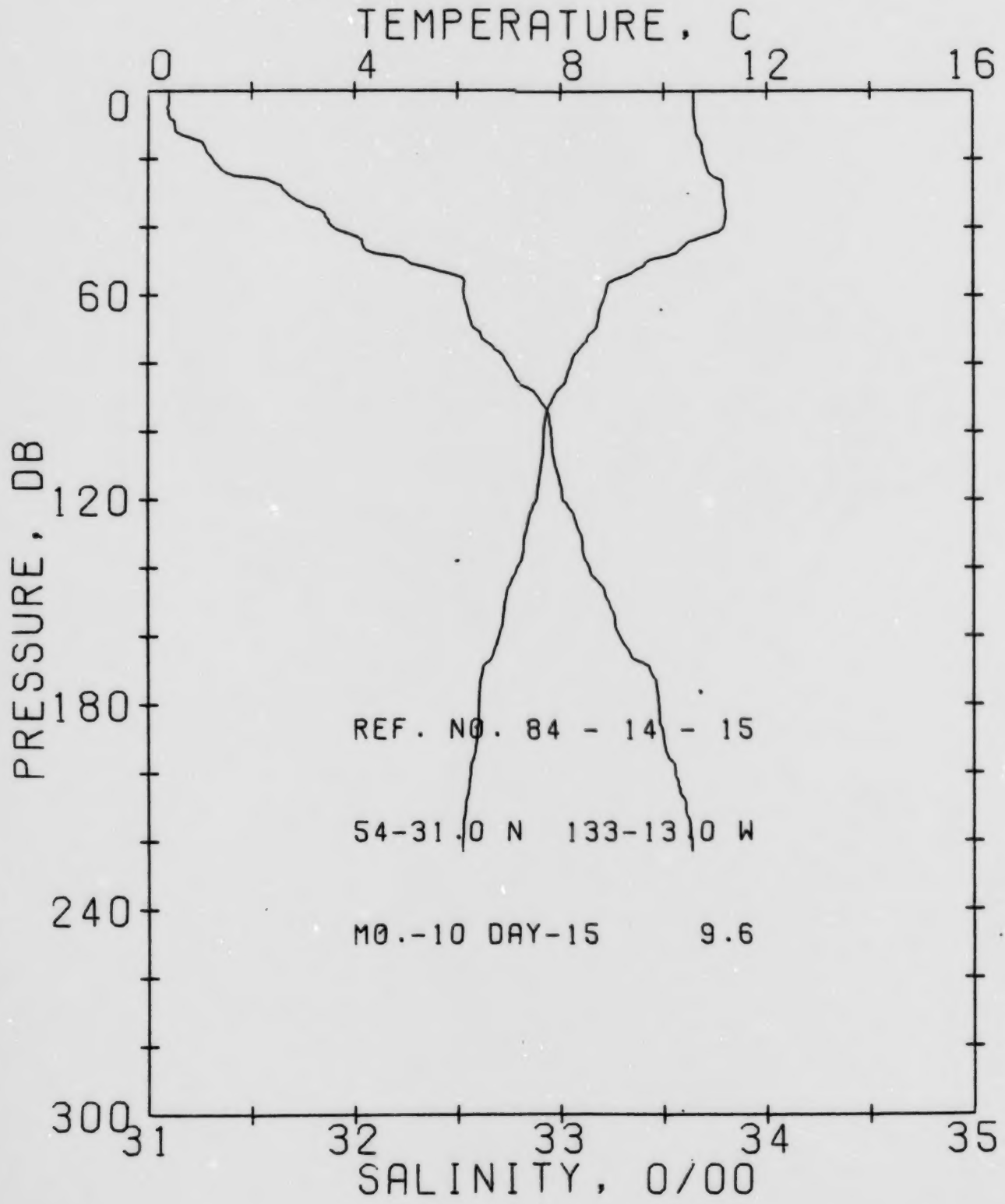
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 13 DATE 15/10/84
POSITION 54-24.0N, 133-47.0W GMT 7.4 STATION Q 34
RESULTS OF STP CAST 215 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.89 | 31.41 | 0 | 24.03 | 389.1 | .00 | .00 | 1489. |
| 10 | 10.88 | 31.41 | 10 | 24.03 | 389.1 | .39 | .02 | 1489. |
| 20 | 10.89 | 31.42 | 20 | 24.03 | 389.0 | .78 | .08 | 1489. |
| 30 | 11.07 | 31.54 | 30 | 24.10 | 383.2 | 1.16 | .18 | 1490. |
| 50 | 11.40 | 31.85 | 50 | 24.28 | 366.4 | 1.91 | .48 | 1492. |
| 75 | 9.72 | 32.13 | 75 | 24.78 | 318.7 | 2.80 | 1.05 | 1487. |
| 100 | 8.16 | 32.47 | 99 | 25.29 | 270.6 | 3.55 | 1.71 | 1482. |
| 125 | 7.95 | 32.79 | 124 | 25.57 | 244.3 | 4.19 | 2.44 | 1482. |
| 150 | 7.45 | 33.27 | 149 | 26.02 | 202.3 | 4.74 | 3.21 | 1481. |
| 175 | 6.16 | 33.74 | 174 | 26.56 | 150.4 | 5.17 | 3.93 | 1477. |
| 200 | 6.06 | 33.78 | 199 | 26.60 | 147.0 | 5.54 | 4.64 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 14
54-27.5 N 133-30.0 W
MO.-10 DAY-15 8.5
31
32
33
34
35
SALINITY, O/OO

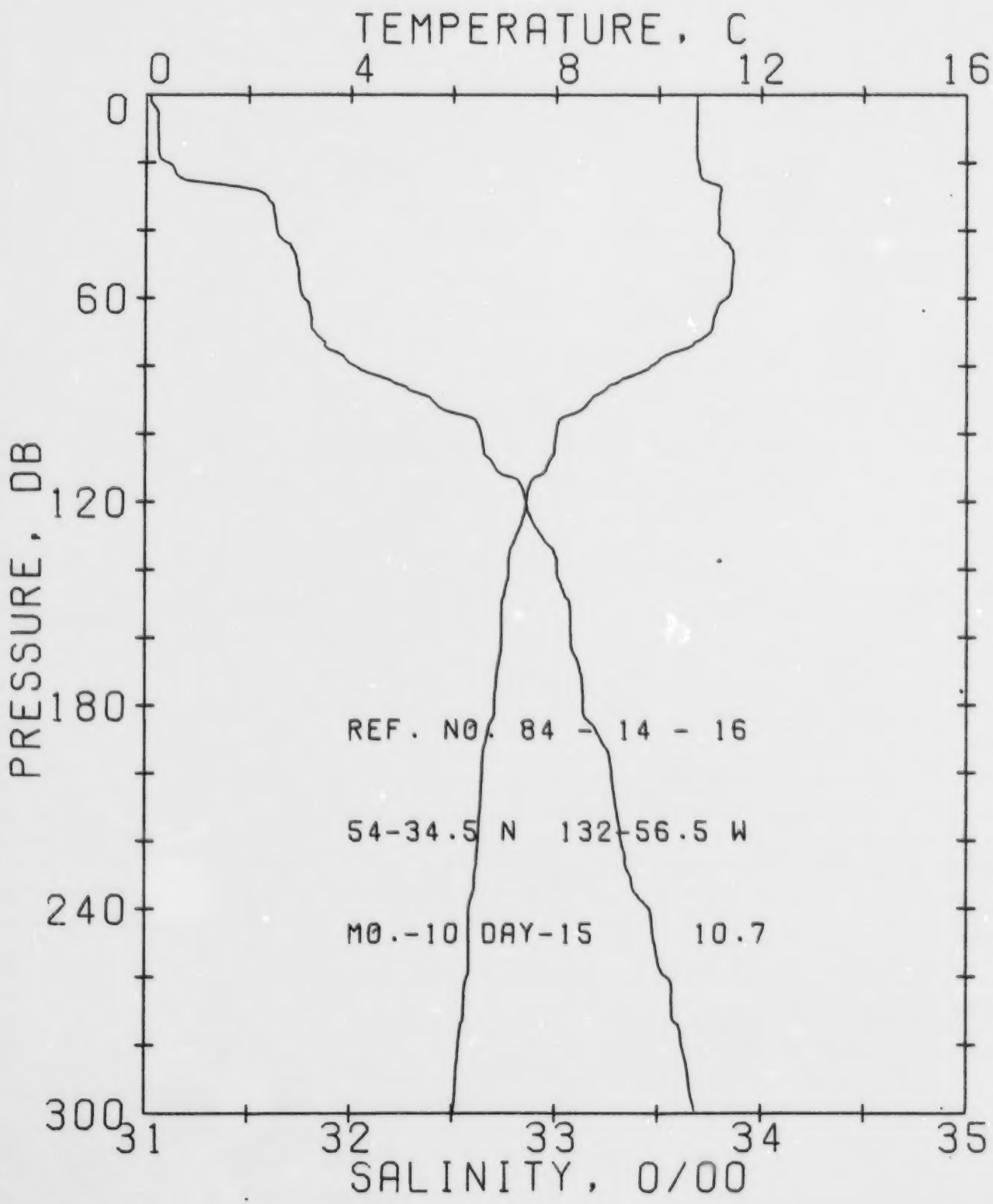
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 14 DATE 15/10/84
POSITION 54-27.5N, 133-30.0W GMT 8.5 STATION Q 35
RESULTS OF STP CAST 271 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.45 | 31.76 | 0 | 24.20 | 373.0 | .00 | .00 | 1491. |
| 10 | 11.46 | 31.82 | 10 | 24.25 | 368.6 | .37 | .02 | 1492. |
| 20 | 11.46 | 31.82 | 20 | 24.25 | 368.9 | .74 | .08 | 1492. |
| 30 | 11.45 | 31.83 | 30 | 24.25 | 368.4 | 1.11 | .17 | 1492. |
| 50 | 11.16 | 31.82 | 50 | 24.29 | 364.8 | 1.84 | .47 | 1491. |
| 75 | 8.72 | 32.50 | 75 | 25.23 | 276.1 | 2.62 | .96 | 1484. |
| 100 | 7.65 | 32.90 | 99 | 25.70 | 231.7 | 3.26 | 1.52 | 1480. |
| 125 | 7.09 | 33.16 | 124 | 25.98 | 205.2 | 3.79 | 2.14 | 1479. |
| 150 | 6.80 | 33.31 | 149 | 26.14 | 190.7 | 4.29 | 2.83 | 1478. |
| 175 | 6.44 | 33.53 | 174 | 26.36 | 169.4 | 4.74 | 3.57 | 1478. |
| 200 | 6.32 | 33.60 | 199 | 26.43 | 163.5 | 5.16 | 4.37 | 1478. |
| 225 | 6.12 | 33.70 | 223 | 26.54 | 153.6 | 5.54 | 5.21 | 1478. |
| 250 | 5.90 | 33.82 | 248 | 26.65 | 142.5 | 5.91 | 6.09 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 15
54-31.0 N 133-13.0 W
MO.-10 DAY-15 9.6
31
32
33
34
35
SALINITY, O/OO

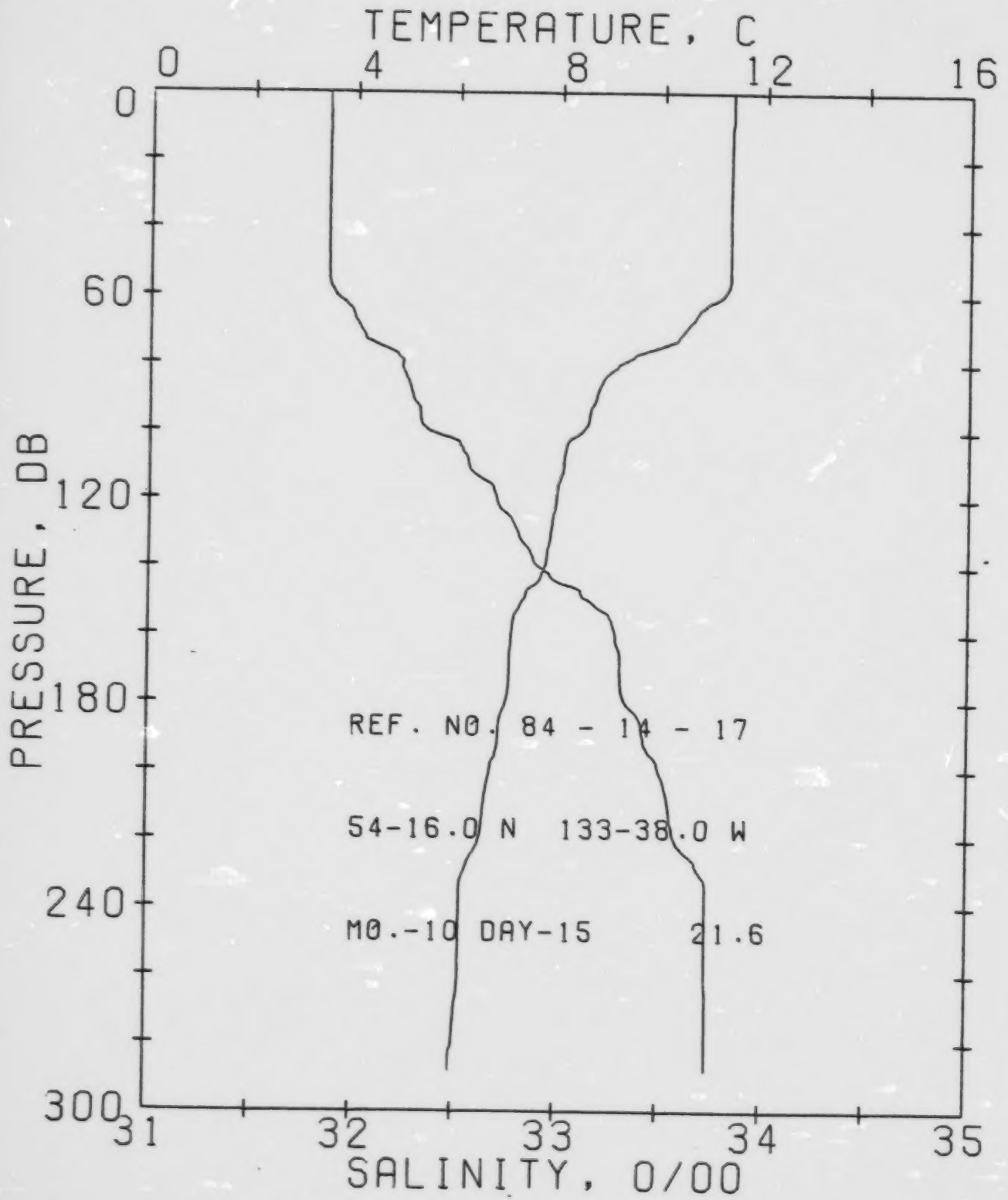
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 15 DATE 15/10/84
POSITION 54-31.0N, 133-13.0W GMT 9.6 STATION Q 36
RESULTS OF STP CAST 224 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.58 | 31.10 | 0 | 23.84 | 407.1 | .00 | .00 | 1488. |
| 10 | 10.61 | 31.13 | 10 | 23.86 | 405.9 | .41 | .02 | 1488. |
| 20 | 10.78 | 31.31 | 20 | 23.97 | 395.1 | .81 | .08 | 1489. |
| 30 | 11.15 | 31.67 | 30 | 24.19 | 374.7 | 1.19 | .18 | 1491. |
| 50 | 9.65 | 32.25 | 50 | 24.89 | 307.8 | 1.89 | .46 | 1486. |
| 75 | 8.38 | 32.67 | 75 | 25.41 | 258.6 | 2.58 | .90 | 1483. |
| 100 | 7.67 | 32.95 | 99 | 25.74 | 228.0 | 3.19 | 1.44 | 1481. |
| 125 | 7.38 | 33.06 | 124 | 25.87 | 216.2 | 3.75 | 2.08 | 1480. |
| 150 | 6.90 | 33.23 | 149 | 26.06 | 197.5 | 4.27 | 2.81 | 1479. |
| 175 | 6.42 | 33.46 | 174 | 26.31 | 174.5 | 4.74 | 3.58 | 1478. |
| 200 | 6.24 | 33.55 | 199 | 26.40 | 165.9 | 5.16 | 4.40 | 1477. |
| 225 | 6.07 | 33.64 | 223 | 26.49 | 157.7 | 5.57 | 5.27 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 16
54-34.5 N 132-56.5 W
MO.-10 DAY-15 10.7
31
32
33
34
35
SALINITY, O/OO

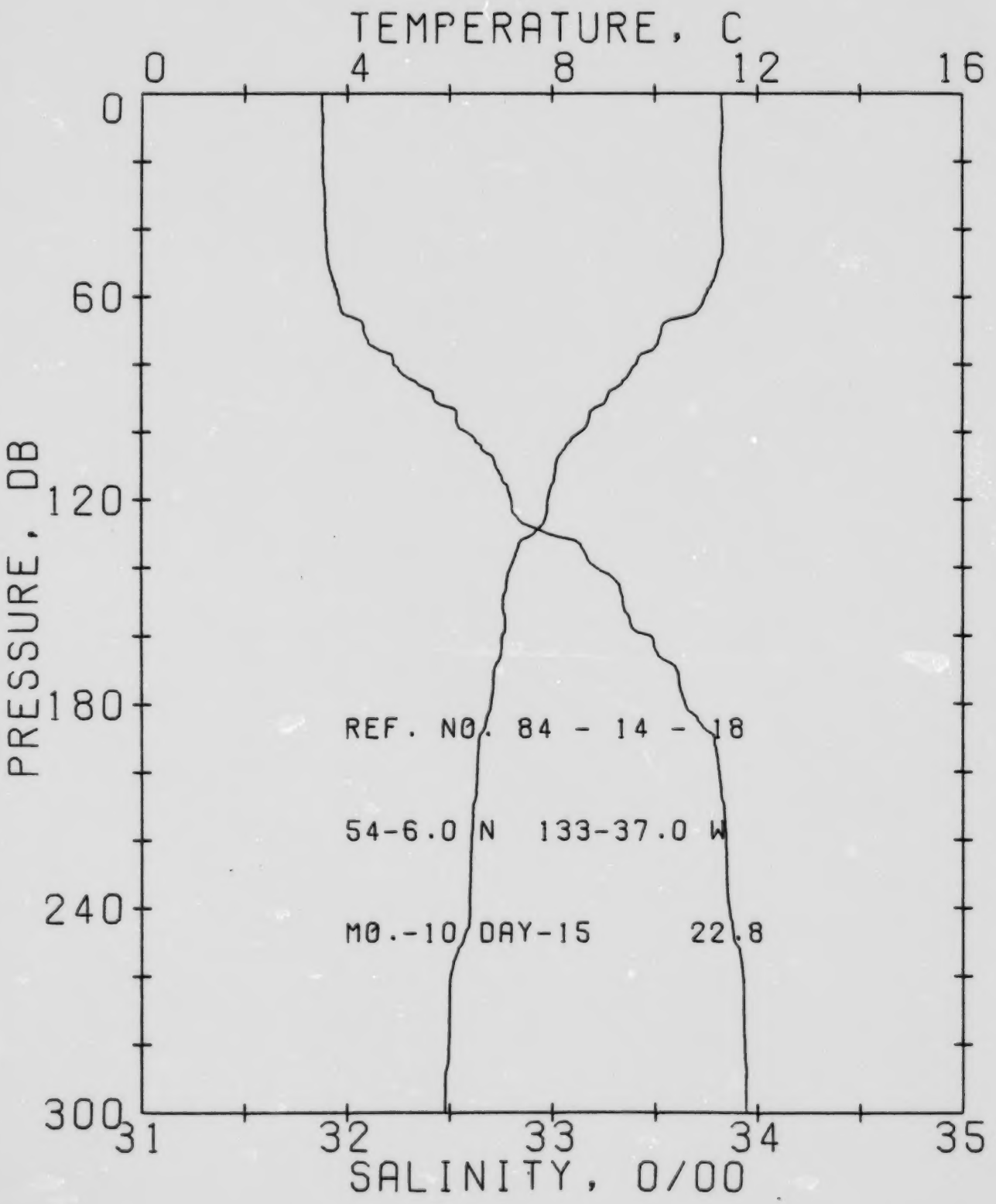
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 16 DATE 15/10/84
POSITION 54-34.5N, 132-56.5W GMT 10.7 STATION Q 37
RESULTS OF STP CAST 352 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.74 | 31.02 | 0 | 23.75 | 415.8 | .00 | .00 | 1488. |
| 10 | 10.74 | 31.06 | 10 | 23.78 | 413.1 | .41 | .02 | 1488. |
| 20 | 10.78 | 31.11 | 20 | 23.81 | 410.0 | .83 | .08 | 1489. |
| 30 | 11.19 | 31.59 | 30 | 24.11 | 381.6 | 1.23 | .19 | 1491. |
| 50 | 11.46 | 31.74 | 50 | 24.18 | 375.8 | 1.98 | .49 | 1492. |
| 75 | 10.51 | 31.89 | 75 | 24.46 | 349.0 | 2.90 | 1.08 | 1489. |
| 100 | 8.01 | 32.63 | 99 | 25.44 | 256.4 | 3.64 | 1.73 | 1482. |
| 125 | 7.36 | 32.88 | 124 | 25.73 | 229.4 | 4.25 | 2.42 | 1480. |
| 150 | 6.94 | 33.07 | 149 | 25.93 | 210.5 | 4.79 | 3.19 | 1479. |
| 175 | 6.83 | 33.13 | 174 | 25.99 | 204.7 | 5.31 | 4.05 | 1479. |
| 200 | 6.56 | 33.27 | 199 | 26.14 | 191.1 | 5.81 | 5.00 | 1478. |
| 225 | 6.46 | 33.34 | 224 | 26.20 | 185.1 | 6.28 | 6.02 | 1478. |
| 250 | 6.32 | 33.48 | 248 | 26.34 | 172.9 | 6.73 | 7.10 | 1478. |
| 300 | 6.02 | 33.68 | 298 | 26.53 | 154.9 | 7.54 | 9.38 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 17
54-16.0 N 133-38.0 W
MO.-10 DAY-15 21.6
31
32
33
34
35
SALINITY, O/OO

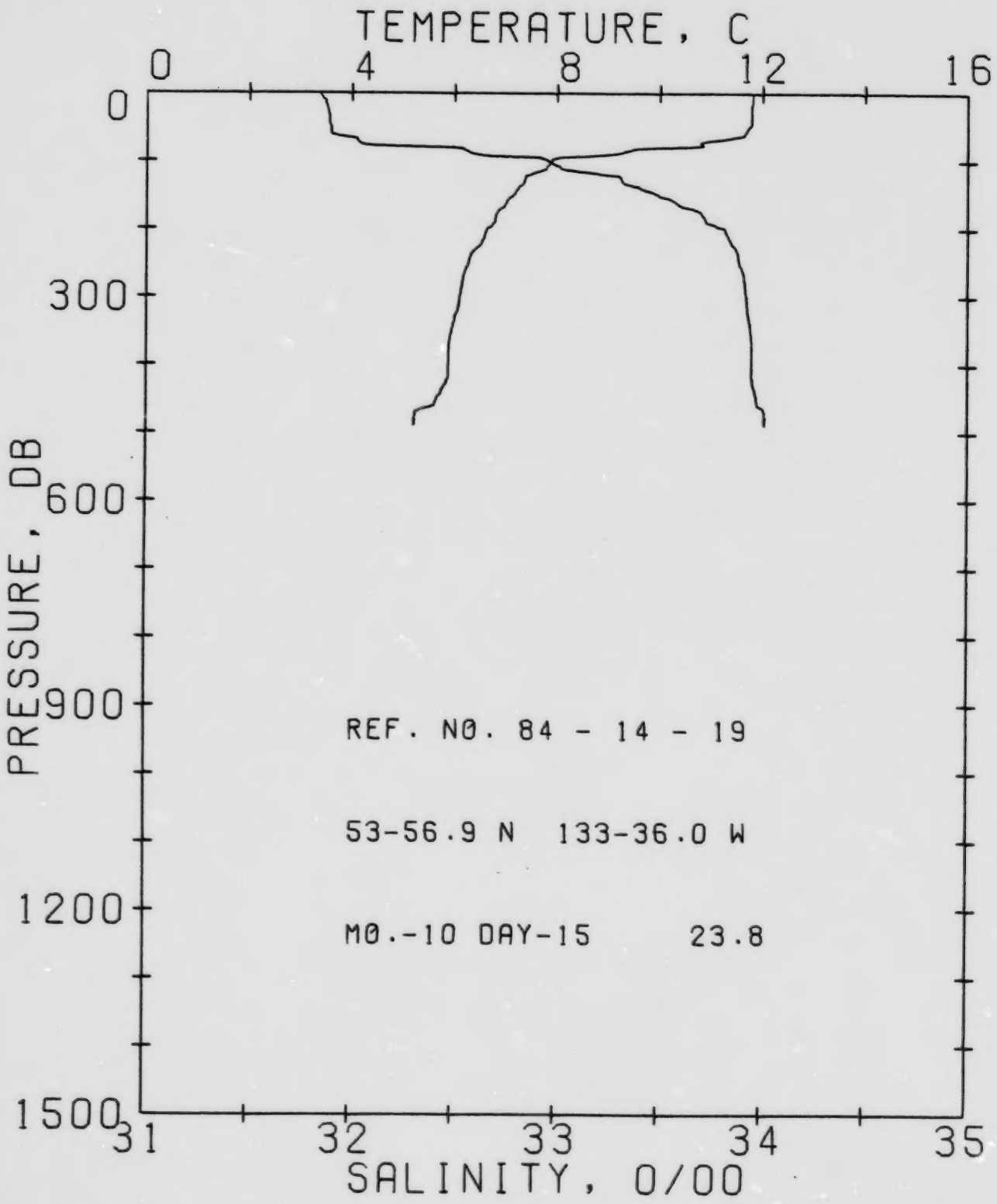
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 17 DATE 15/10/84
POSITION 54-16.0N, 133-38.0W GMT 21.6 STATION Q141
RESULTS OF STP CAST 289 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.34 | 31.86 | 0 | 24.30 | 363.2 | .00 | .00 | 1491. |
| 10 | 11.32 | 31.87 | 10 | 24.31 | 362.9 | .36 | .02 | 1491. |
| 20 | 11.31 | 31.87 | 20 | 24.31 | 363.1 | .73 | .07 | 1491. |
| 30 | 11.31 | 31.86 | 30 | 24.31 | 363.3 | 1.09 | .17 | 1492. |
| 50 | 11.31 | 31.86 | 50 | 24.31 | 363.7 | 1.82 | .46 | 1492. |
| 75 | 9.93 | 32.13 | 75 | 24.75 | 322.1 | 2.69 | 1.02 | 1488. |
| 100 | 8.46 | 32.37 | 99 | 25.17 | 282.4 | 3.43 | 1.68 | 1483. |
| 125 | 7.89 | 32.76 | 124 | 25.56 | 245.5 | 4.08 | 2.42 | 1482. |
| 150 | 7.30 | 33.15 | 149 | 25.94 | 209.1 | 4.66 | 3.23 | 1480. |
| 175 | 7.04 | 33.31 | 174 | 26.10 | 194.4 | 5.15 | 4.05 | 1480. |
| 200 | 6.69 | 33.49 | 199 | 26.30 | 176.0 | 5.62 | 4.93 | 1479. |
| 225 | 6.33 | 33.64 | 223 | 26.46 | 160.7 | 6.04 | 5.85 | 1478. |
| 250 | 6.12 | 33.73 | 248 | 26.56 | 151.9 | 6.43 | 6.78 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 18
54-6.0 N 133-37.0 W
MO.-10 DAY-15 22.8
31
32
33
34
35
SALINITY, O/OO

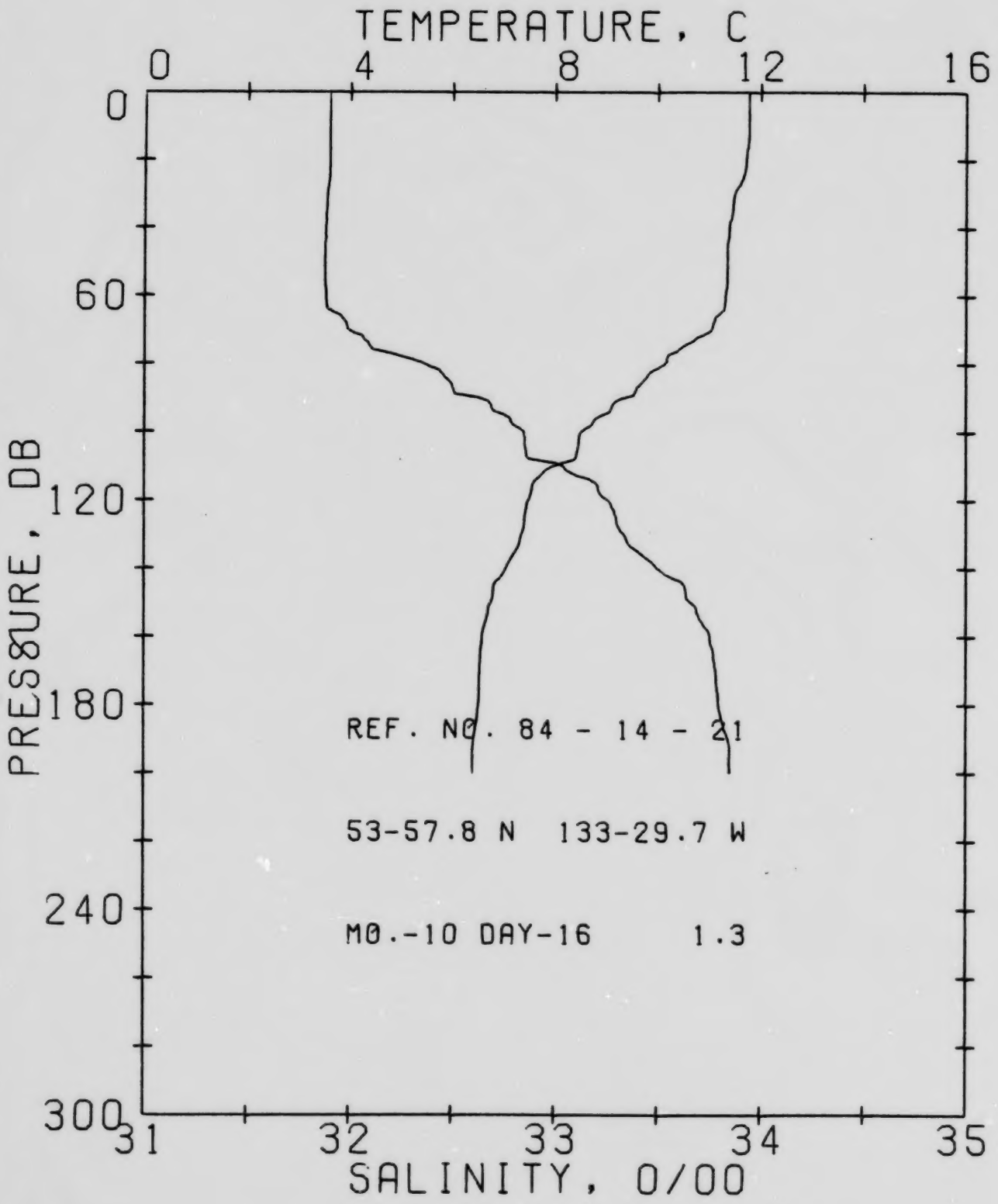
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 18 DATE 15/10/84
POSITION 54- 6.0N, 133-37.0W GMT 22.8 STATION Q142
RESULTS OF STP CAST 366 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.31 | 31.87 | 0 | 24.31 | 362.0 | .00 | .00 | 1491. |
| 10 | 11.32 | 31.88 | 10 | 24.31 | 362.2 | .36 | .02 | 1491. |
| 20 | 11.27 | 31.88 | 20 | 24.32 | 361.4 | .72 | .07 | 1491. |
| 30 | 11.30 | 31.89 | 30 | 24.33 | 361.4 | 1.09 | .17 | 1492. |
| 50 | 11.23 | 31.91 | 50 | 24.35 | 359.3 | 1.81 | .46 | 1492. |
| 75 | 9.99 | 32.13 | 75 | 24.74 | 322.6 | 2.67 | 1.01 | 1488. |
| 100 | 8.54 | 32.58 | 99 | 25.32 | 267.9 | 3.40 | 1.66 | 1483. |
| 125 | 7.87 | 32.82 | 124 | 25.61 | 240.8 | 4.03 | 2.37 | 1482. |
| 150 | 7.04 | 33.34 | 149 | 26.13 | 191.3 | 4.55 | 3.10 | 1479. |
| 175 | 6.84 | 33.61 | 174 | 26.37 | 168.7 | 5.00 | 3.85 | 1479. |
| 200 | 6.53 | 33.81 | 199 | 26.57 | 150.7 | 5.40 | 4.60 | 1479. |
| 225 | 6.41 | 33.84 | 223 | 26.61 | 146.9 | 5.77 | 5.40 | 1479. |
| 250 | 6.25 | 33.88 | 248 | 26.66 | 142.3 | 6.13 | 6.29 | 1479. |
| 300 | 5.90 | 33.94 | 298 | 26.75 | 134.1 | 6.81 | 8.18 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 19
53-56.9 N 133-36.0 W
MO.-10 DAY-15 23.8
31
32
33
34
35
SALINITY, O/OO

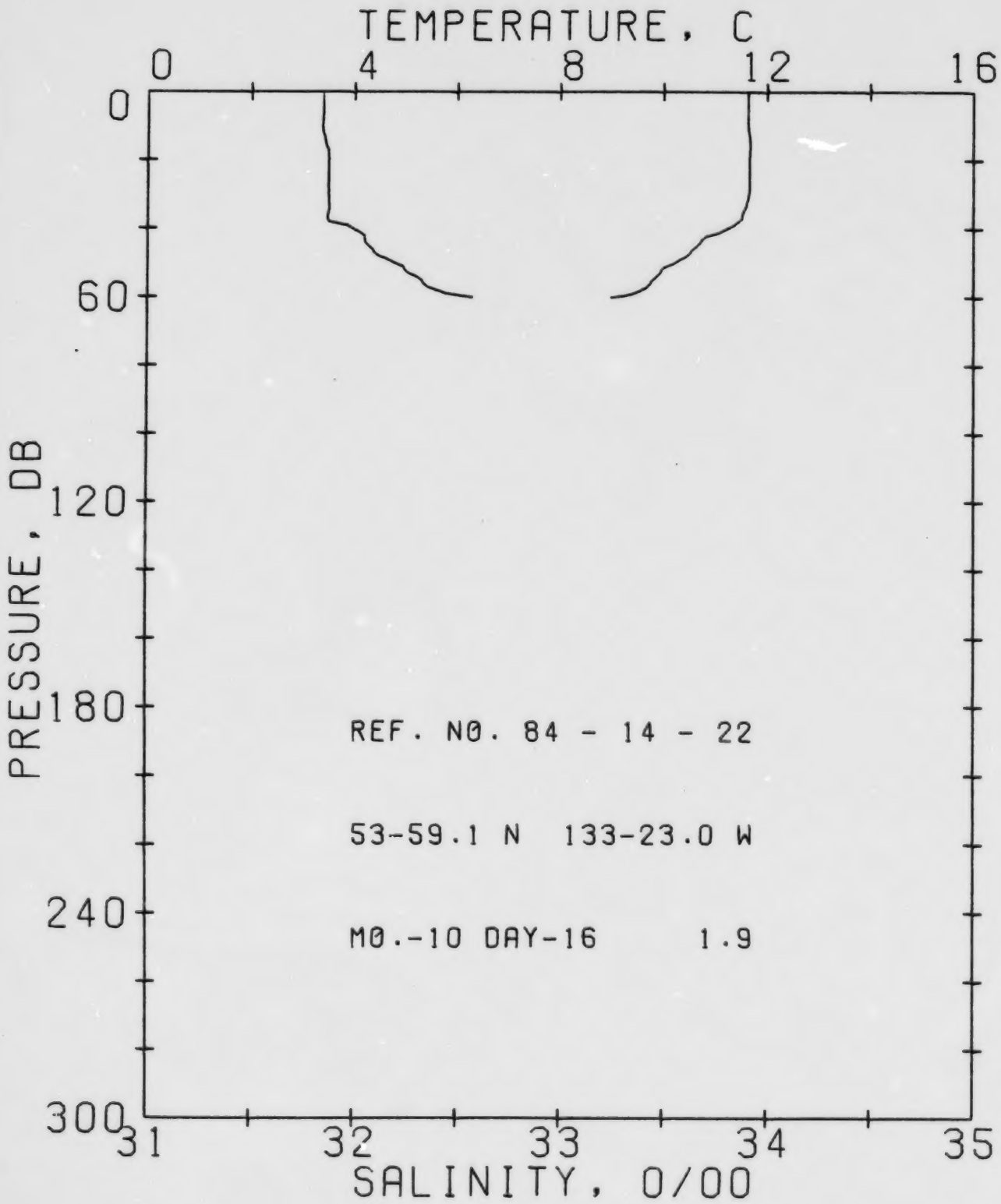
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 19 DATE 15/10/84
POSITION 53-56.9N, 133-36.0W GMT 23.8 STATION Q 20
RESULTS OF STP CAST 491 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.81 | 31.85 | 0 | 24.20 | 372.6 | .00 | .00 | 1493. |
| 10 | 11.80 | 31.86 | 10 | 24.22 | 371.6 | .37 | .02 | 1493. |
| 20 | 11.78 | 31.88 | 20 | 24.23 | 370.1 | .74 | .08 | 1493. |
| 30 | 11.79 | 31.89 | 30 | 24.24 | 370.0 | 1.11 | .17 | 1493. |
| 50 | 11.73 | 31.90 | 50 | 24.26 | 368.4 | 1.85 | .47 | 1493. |
| 75 | 10.77 | 32.05 | 75 | 24.54 | 341.8 | 2.75 | 1.04 | 1491. |
| 100 | 7.88 | 32.96 | 99 | 25.71 | 230.5 | 3.44 | 1.65 | 1481. |
| 125 | 7.37 | 33.31 | 124 | 26.06 | 197.5 | 3.99 | 2.27 | 1480. |
| 150 | 7.14 | 33.49 | 149 | 26.24 | 181.3 | 4.46 | 2.94 | 1480. |
| 175 | 6.84 | 33.70 | 174 | 26.44 | 162.5 | 4.89 | 3.65 | 1480. |
| 200 | 6.63 | 33.82 | 199 | 26.56 | 151.3 | 5.29 | 4.41 | 1479. |
| 225 | 6.48 | 33.86 | 223 | 26.61 | 146.6 | 5.66 | 5.22 | 1479. |
| 250 | 6.27 | 33.89 | 248 | 26.66 | 142.1 | 6.02 | 6.09 | 1479. |
| 300 | 6.09 | 33.92 | 298 | 26.71 | 137.7 | 6.72 | 8.04 | 1479. |
| 400 | 5.88 | 33.95 | 397 | 26.76 | 134.4 | 8.07 | 12.87 | 1480. |
| 500 | 5.11 | 34.02 | 496 | 26.91 | 120.9 | 9.35 | 18.69 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 21
53-57.8 N 133-29.7 W
MO.-10 DAY-16 1.3
31
32
33
34
35
SALINITY, O/OO

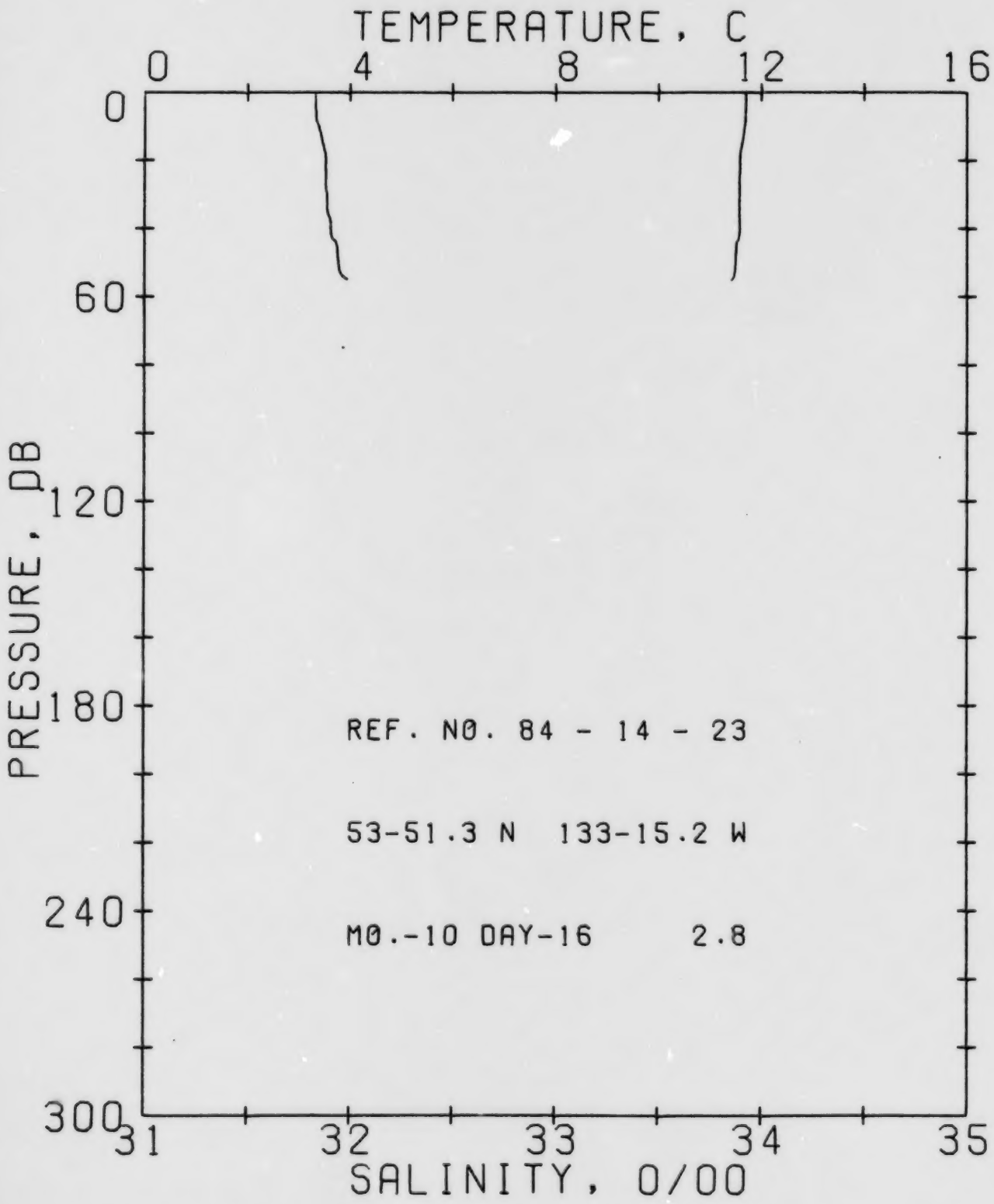
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 21 DATE 16/10/84
POSITION 53-57.8N, 133-29.7W GMT 1.3 STATION Q 19
RESULTS OF STP CAST 201 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.77 | 31.90 | 0 | 24.25 | 368.0 | .00 | .00 | 1493. |
| 10 | 11.77 | 31.90 | 10 | 24.25 | 368.3 | .37 | .02 | 1493. |
| 20 | 11.71 | 31.90 | 20 | 24.26 | 367.6 | .74 | .08 | 1493. |
| 30 | 11.49 | 31.89 | 30 | 24.29 | 364.8 | 1.10 | .17 | 1492. |
| 50 | 11.35 | 31.88 | 50 | 24.31 | 363.6 | 1.83 | .47 | 1492. |
| 75 | 10.45 | 32.10 | 75 | 24.64 | 332.7 | 2.72 | 1.03 | 1490. |
| 100 | 8.49 | 32.85 | 99 | 25.54 | 247.2 | 3.44 | 1.66 | 1484. |
| 125 | 7.41 | 33.30 | 124 | 26.05 | 199.1 | 3.99 | 2.30 | 1480. |
| 150 | 6.76 | 33.66 | 149 | 26.42 | 163.8 | 4.45 | 2.94 | 1479. |
| 175 | 6.53 | 33.79 | 174 | 26.55 | 151.6 | 4.84 | 3.58 | 1478. |
| 200 | 6.40 | 33.85 | 199 | 26.61 | 145.9 | 5.21 | 4.29 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 22
53-59.1 N 133-23.0 W
MO.-10 DAY-16 1.9
31
32
33
34
35
SALINITY, O/OO

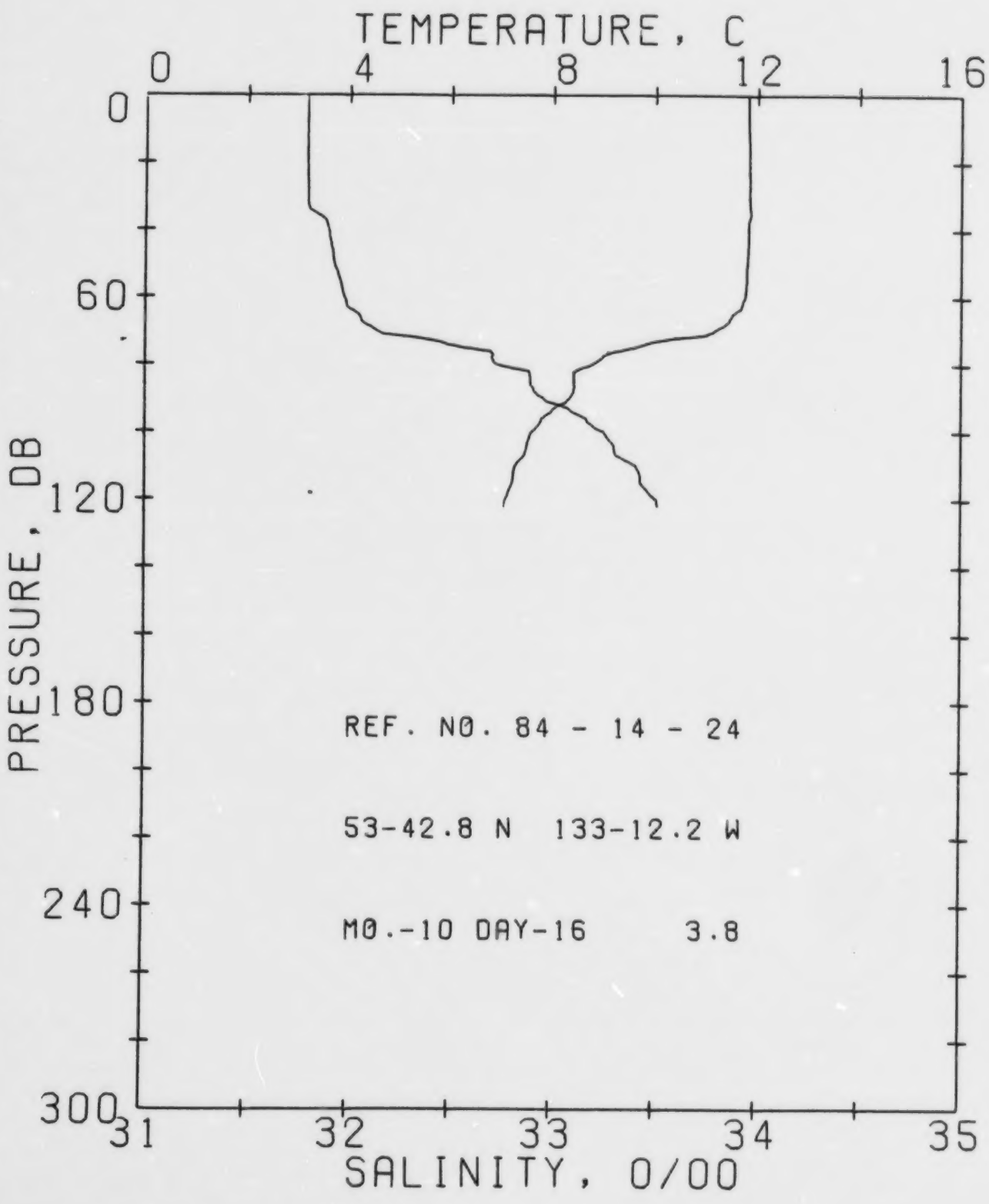
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 22 DATE 16/10/84
POSITION 53-59.1N, 133-23.0W GMT 1.9 STATION Q 18
RESULTS OF STP CAST 61 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.63 | 31.85 | 0 | 24.24 | 369.5 | .00 | .00 | 1492. |
| 10 | 11.63 | 31.84 | 10 | 24.23 | 370.0 | .37 | .02 | 1492. |
| 20 | 11.66 | 31.87 | 20 | 24.25 | 368.4 | .74 | .08 | 1493. |
| 30 | 11.65 | 31.87 | 30 | 24.25 | 368.6 | 1.11 | .17 | 1493. |
| 50 | 10.21 | 32.19 | 50 | 24.75 | 321.3 | 1.81 | .45 | 1488. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 23
53-51.3 N 133-15.2 W
MO.-10 DAY-16 2.8
31
32
33
34
35
SALINITY, O/OO

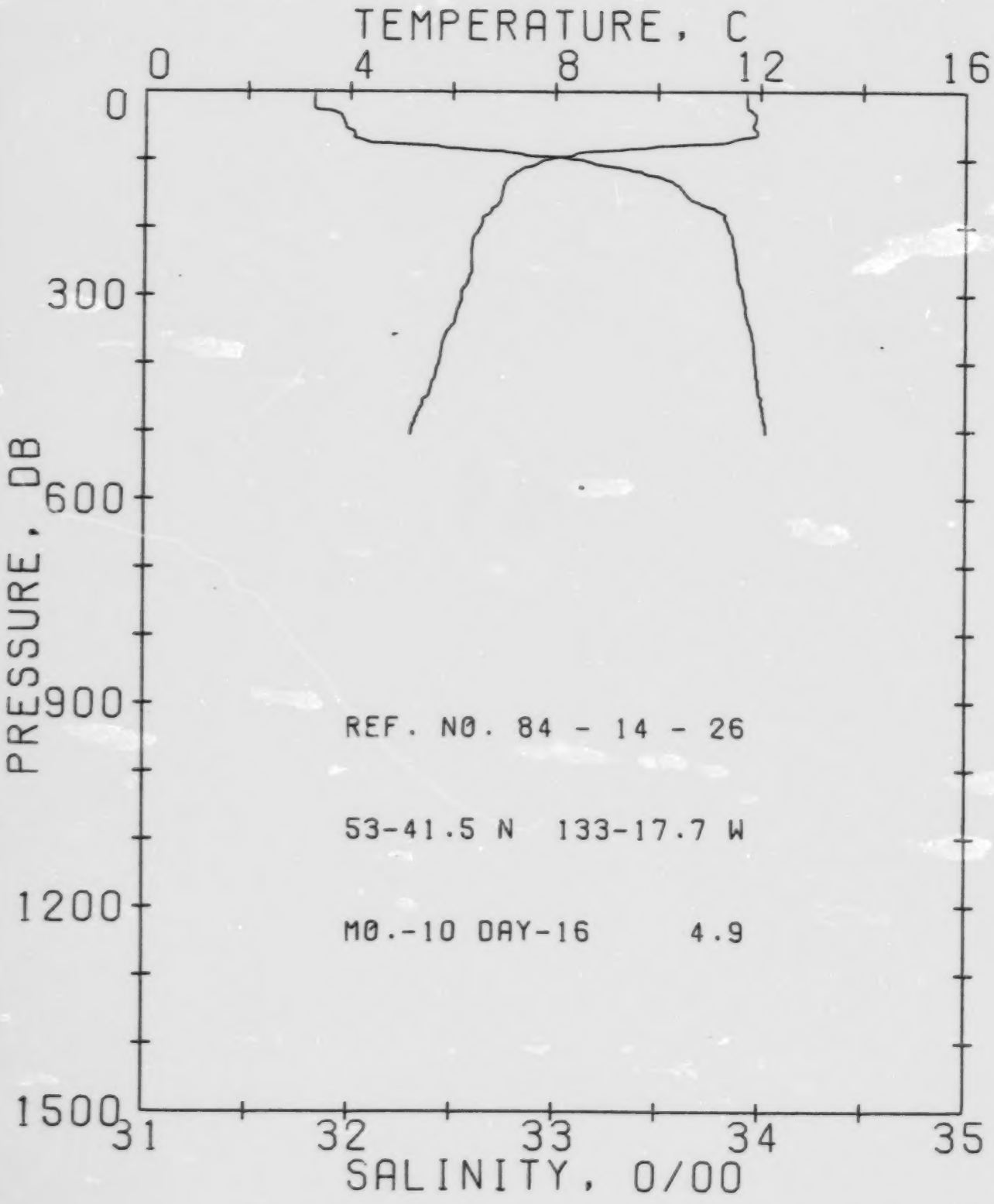
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 23 DATE 16/10/84
POSITION 53-51.3N, 133-15.2W GMT 2.8 STATION Q 26
RESULTS OF STP CAST 56 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.70 | 31.83 | 0 | 24.21 | 371.8 | .00 | .00 | 1492. |
| 10 | 11.68 | 31.85 | 10 | 24.23 | 370.4 | .37 | .02 | 1493. |
| 20 | 11.58 | 31.88 | 20 | 24.27 | 366.4 | .74 | .08 | 1492. |
| 30 | 11.57 | 31.89 | 30 | 24.28 | 366.0 | 1.11 | .17 | 1493. |
| 50 | 11.49 | 31.94 | 50 | 24.34 | 361.0 | 1.83 | .47 | 1493. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 24
53-42.8 N 133-12.2 W
MO.-10 DAY-16 3.8
31
32
33
34
35
SALINITY, O/OO

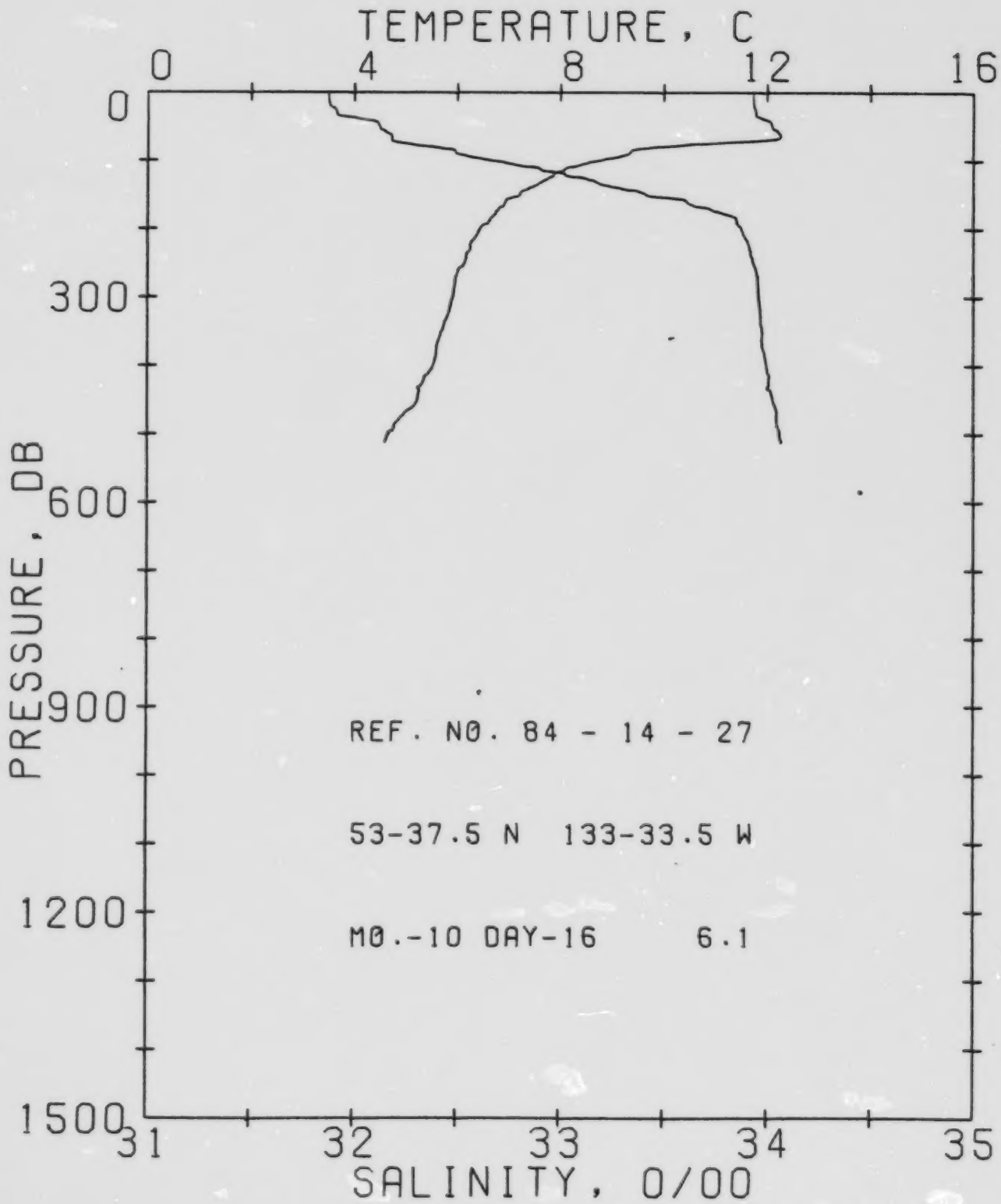
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 24 DATE 16/10/84
POSITION 53-42.8N, 133-12.2W GMT 3.8 STATION Q 67
RESULTS OF STP CAST 123 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.82 | 31.79 | 0 | 24.16 | 376.7 | .00 | .00 | 1493. |
| 10 | 11.82 | 31.79 | 10 | 24.16 | 377.1 | .38 | .02 | 1493. |
| 20 | 11.83 | 31.79 | 20 | 24.15 | 377.7 | .75 | .08 | 1493. |
| 30 | 11.84 | 31.79 | 30 | 24.16 | 377.6 | 1.13 | .17 | 1493. |
| 50 | 11.80 | 31.92 | 50 | 24.27 | 367.7 | 1.88 | .48 | 1494. |
| 75 | 9.52 | 32.57 | 75 | 25.16 | 283.1 | 2.75 | 1.03 | 1487. |
| 100 | 7.58 | 33.25 | 99 | 25.99 | 204.4 | 3.35 | 1.56 | 1481. |
| 125 | 7.02 | 33.52 | 124 | 26.28 | 177.1 | 3.82 | 2.10 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 26
53-41.5 N 133-17.7 W
MO.-10 DAY-16 4.9
31
32
33
34
35
SALINITY, O/OO

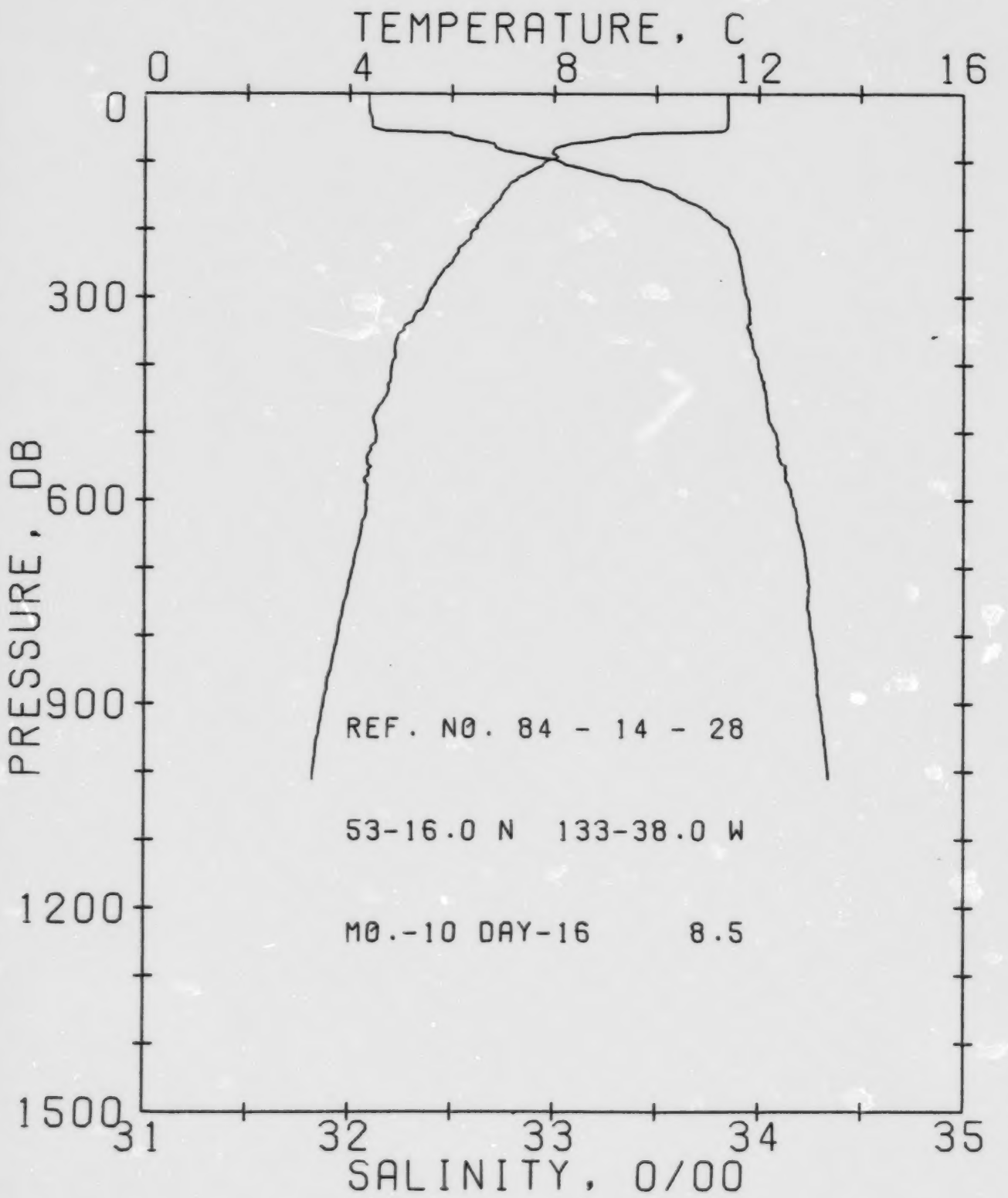
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 26 DATE 16/10/84
POSITION 53-41.5N, 133-17.7W GMT 4.9 STATION Q 68
RESULTS OF STP CAST 506 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.73 | 31.83 | 0 | 24.20 | 372.8 | .00 | .00 | 1493. |
| 10 | 11.73 | 31.82 | 10 | 24.20 | 373.1 | .37 | .02 | 1493. |
| 20 | 11.74 | 31.82 | 20 | 24.20 | 373.6 | .75 | .08 | 1493. |
| 30 | 11.85 | 31.93 | 30 | 24.26 | 368.1 | 1.12 | .17 | 1494. |
| 50 | 11.84 | 31.98 | 50 | 24.30 | 364.7 | 1.85 | .47 | 1494. |
| 75 | 11.31 | 32.10 | 75 | 24.49 | 347.1 | 2.75 | 1.04 | 1493. |
| 100 | 7.83 | 33.10 | 99 | 25.83 | 219.2 | 3.43 | 1.64 | 1481. |
| 125 | 7.09 | 33.51 | 124 | 26.25 | 179.4 | 3.92 | 2.20 | 1479. |
| 150 | 6.95 | 33.63 | 149 | 26.37 | 168.6 | 4.36 | 2.81 | 1480. |
| 175 | 6.74 | 33.78 | 174 | 26.52 | 154.9 | 4.76 | 3.48 | 1479. |
| 200 | 6.52 | 33.84 | 199 | 26.60 | 147.8 | 5.14 | 4.20 | 1479. |
| 225 | 6.37 | 33.87 | 223 | 26.63 | 144.6 | 5.50 | 4.99 | 1479. |
| 250 | 6.36 | 33.88 | 248 | 26.64 | 143.7 | 5.86 | 5.86 | 1479. |
| 300 | 6.17 | 33.91 | 298 | 26.70 | 139.5 | 6.57 | 7.85 | 1479. |
| 400 | 5.73 | 33.97 | 397 | 26.80 | 130.9 | 7.92 | 12.64 | 1479. |
| 500 | 5.18 | 34.02 | 496 | 26.90 | 121.4 | 9.18 | 18.42 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 27
53-37.5 N 133-33.5 W
MO.-10 DAY-16 6.1
31
32
33
34
35
SALINITY, O/OO

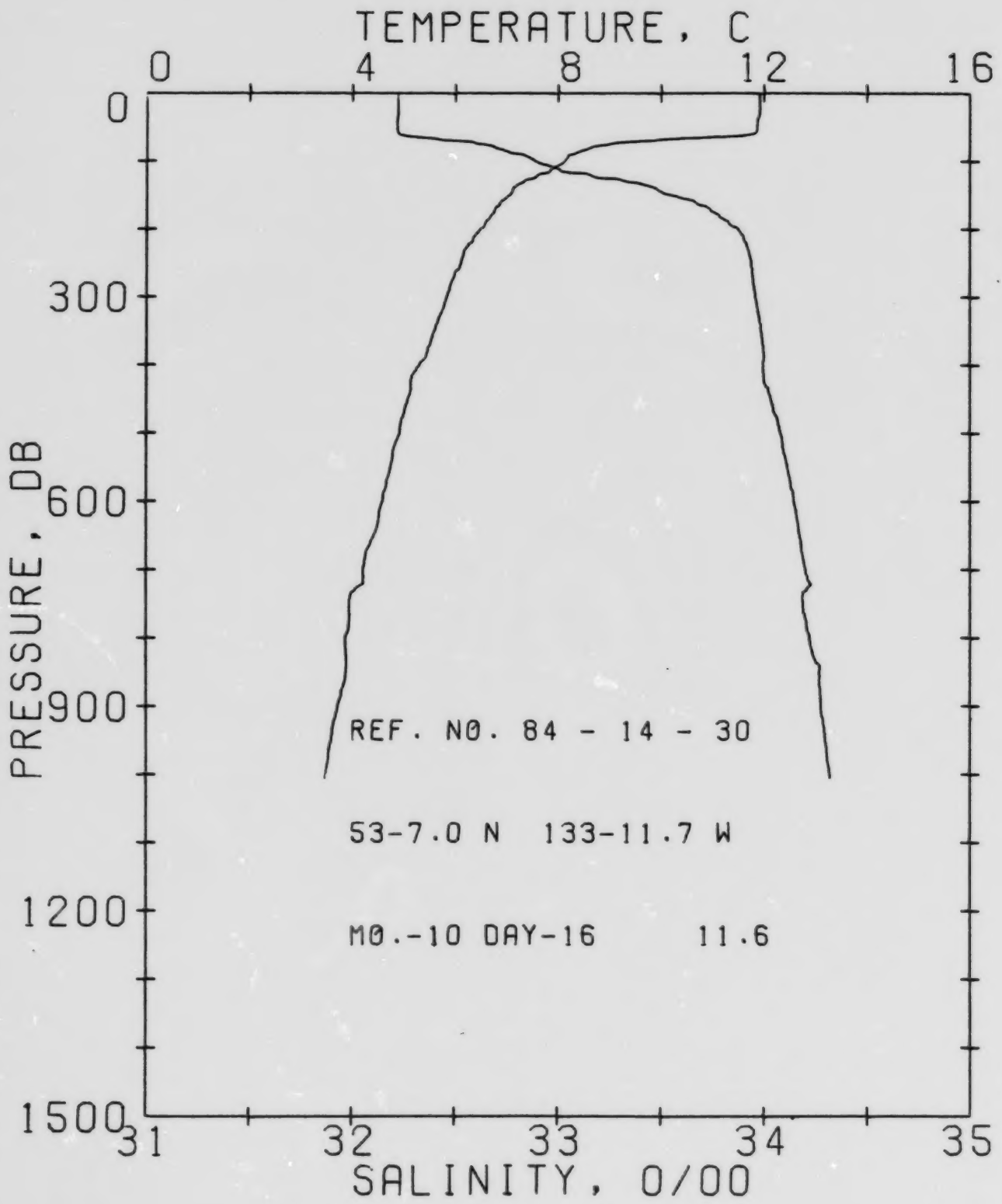
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 27 DATE 16/10/84
POSITION 53-37.5N, 133-33.5W GMT 6.1 STATION Q 70
RESULTS OF STP CAST 514 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.74 | 31.87 | 0 | 24.24 | 369.3 | .00 | .00 | 1493. |
| 10 | 11.74 | 31.88 | 10 | 24.24 | 369.3 | .37 | .02 | 1493. |
| 20 | 11.74 | 31.89 | 20 | 24.24 | 369.0 | .74 | .08 | 1493. |
| 30 | 11.79 | 31.92 | 30 | 24.26 | 367.6 | 1.11 | .17 | 1493. |
| 50 | 12.11 | 32.12 | 50 | 24.36 | 358.4 | 1.83 | .46 | 1495. |
| 75 | 10.79 | 32.26 | 75 | 24.70 | 326.5 | 2.72 | 1.03 | 1491. |
| 100 | 8.73 | 32.67 | 99 | 25.36 | 264.2 | 3.44 | 1.67 | 1484. |
| 125 | 7.78 | 33.10 | 124 | 25.84 | 218.7 | 4.04 | 2.35 | 1482. |
| 150 | 7.20 | 33.42 | 149 | 26.17 | 187.7 | 4.55 | 3.06 | 1480. |
| 175 | 6.75 | 33.76 | 174 | 26.50 | 156.5 | 4.97 | 3.76 | 1479. |
| 200 | 6.43 | 33.88 | 199 | 26.63 | 144.1 | 5.34 | 4.47 | 1479. |
| 225 | 6.24 | 33.91 | 223 | 26.69 | 139.5 | 5.70 | 5.24 | 1478. |
| 250 | 6.15 | 33.93 | 248 | 26.71 | 137.1 | 6.04 | 6.08 | 1478. |
| 300 | 5.92 | 33.96 | 298 | 26.76 | 133.0 | 6.71 | 7.95 | 1478. |
| 400 | 5.55 | 34.00 | 397 | 26.84 | 126.7 | 8.01 | 12.58 | 1478. |
| 500 | 4.67 | 34.06 | 496 | 26.99 | 112.7 | 9.21 | 18.08 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 28
53-16.0 N 133-38.0 W
MO.-10 DAY-16 8.5
31
32
33
34
35
SALINITY, O/OO

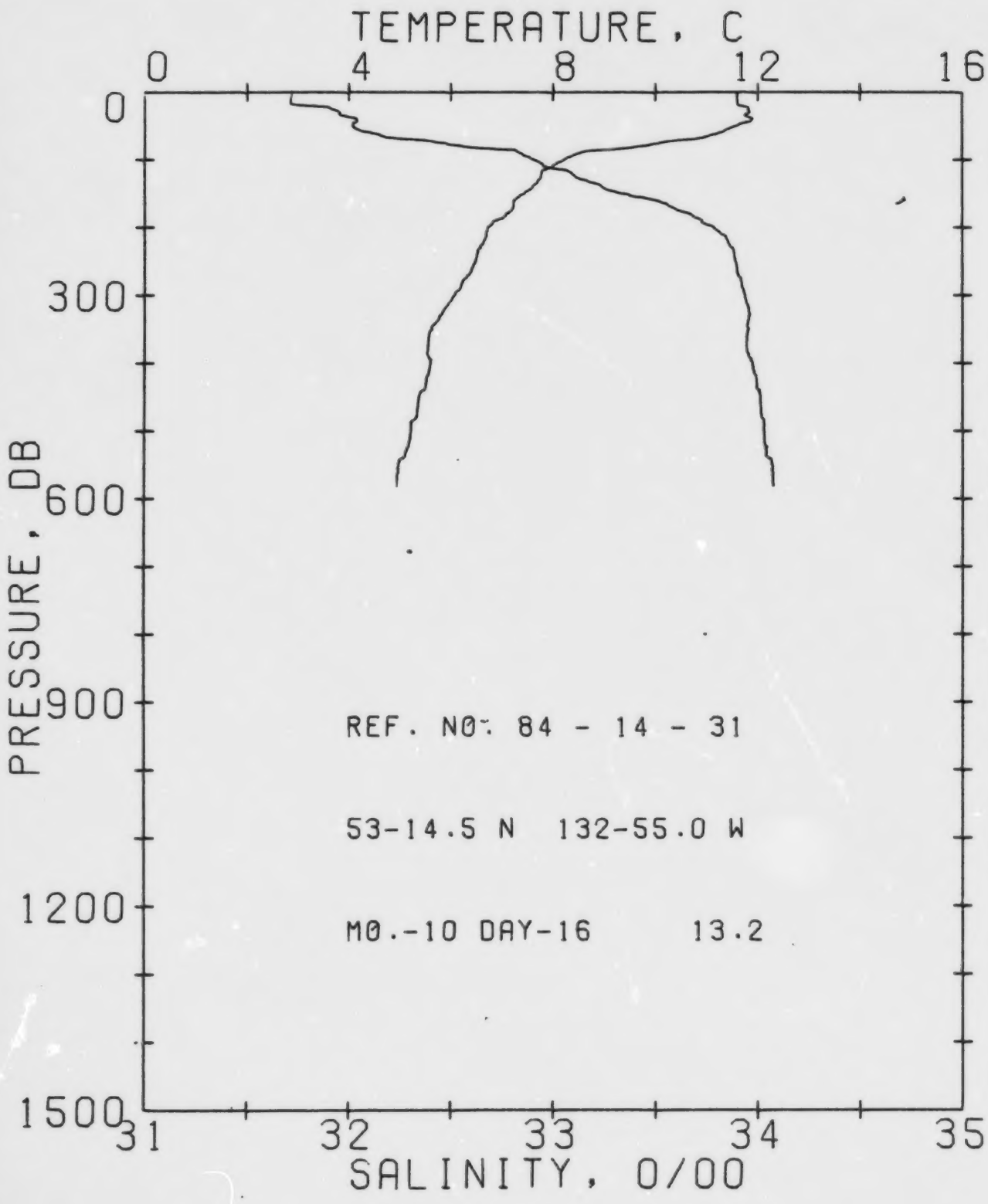
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 28 DATE 16/10/84
POSITION 53-16.0N, 133-38.0W GMT 8.5 STATION Q 73
RESULTS OF STP CAST 1012 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.39 | 32.09 | 0 | 24.47 | 347.2 | .00 | .00 | 1492. |
| 10 | 11.40 | 32.09 | 10 | 24.47 | 347.5 | .35 | .02 | 1492. |
| 20 | 11.39 | 32.10 | 20 | 24.47 | 347.4 | .69 | .07 | 1492. |
| 30 | 11.40 | 32.10 | 30 | 24.47 | 347.5 | 1.04 | .16 | 1492. |
| 50 | 11.39 | 32.11 | 50 | 24.48 | 346.8 | 1.74 | .44 | 1493. |
| 75 | 8.25 | 32.71 | 75 | 25.47 | 253.3 | 2.47 | .90 | 1482. |
| 100 | 7.83 | 33.03 | 99 | 25.78 | 224.2 | 3.07 | 1.44 | 1481. |
| 125 | 7.29 | 33.32 | 124 | 26.08 | 196.3 | 3.60 | 2.04 | 1480. |
| 150 | 6.97 | 33.60 | 149 | 26.34 | 171.1 | 4.05 | 2.67 | 1480. |
| 175 | 6.71 | 33.75 | 174 | 26.50 | 156.7 | 4.46 | 3.35 | 1479. |
| 200 | 6.44 | 33.86 | 199 | 26.62 | 145.9 | 4.84 | 4.08 | 1479. |
| 225 | 6.18 | 33.89 | 223 | 26.67 | 140.5 | 5.20 | 4.85 | 1478. |
| 250 | 5.98 | 33.91 | 248 | 26.72 | 136.8 | 5.55 | 5.69 | 1478. |
| 300 | 5.53 | 33.94 | 298 | 26.80 | 129.6 | 6.21 | 7.55 | 1477. |
| 400 | 4.84 | 34.00 | 397 | 26.92 | 118.2 | 7.44 | 11.94 | 1476. |
| 500 | 4.53 | 34.08 | 496 | 27.02 | 109.6 | 8.58 | 17.16 | 1476. |
| 600 | 4.32 | 34.17 | 595 | 27.11 | 101.5 | 9.64 | 23.07 | 1477. |
| 800 | 3.78 | 34.26 | 793 | 27.24 | 90.2 | 11.54 | 36.62 | 1478. |
| 1000 | 3.28 | 34.34 | 990 | 27.35 | 80.3 | 13.24 | 52.17 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 30
53-7.0 N 133-11.7 W
MO.-10 DAY-16 11.6
31
32
33
34
35
SALINITY, O/OO

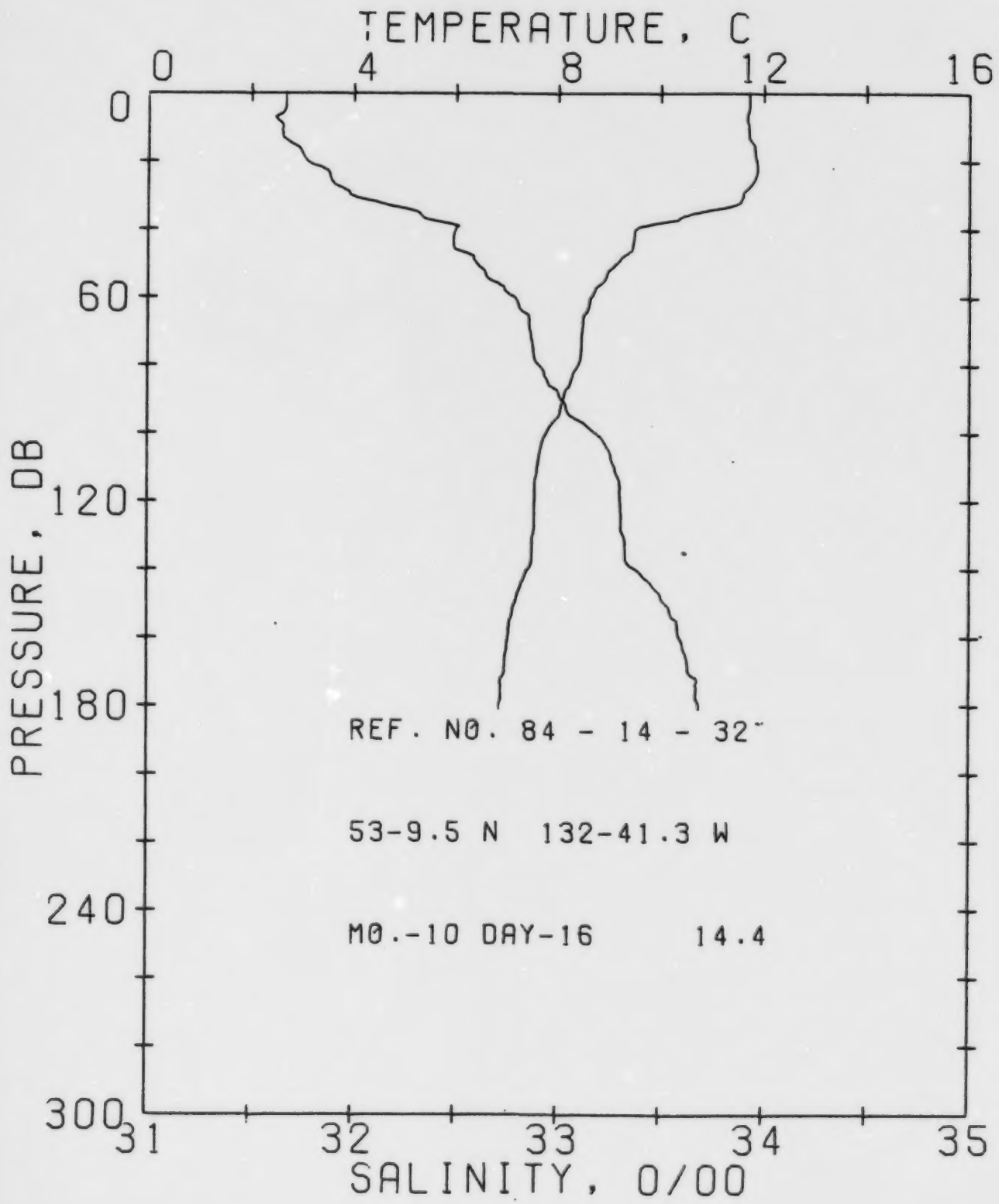
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 30 DATE 16/10/84
POSITION 53- 7.0N, 133-11.7W GMT 11.6 STATION Q 78
RESULTS OF STP CAST 1007 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.91 | 32.22 | 0 | 24.48 | 346.6 | .00 | .00 | 1494. |
| 10 | 11.92 | 32.22 | 10 | 24.47 | 347.3 | .35 | .02 | 1494. |
| 20 | 11.92 | 32.22 | 20 | 24.47 | 347.4 | .69 | .07 | 1494. |
| 30 | 11.92 | 32.22 | 30 | 24.47 | 347.7 | 1.04 | .16 | 1494. |
| 50 | 11.87 | 32.22 | 50 | 24.48 | 347.4 | 1.74 | .44 | 1494. |
| 75 | 8.98 | 32.62 | 75 | 25.28 | 271.4 | 2.54 | .95 | 1485. |
| 100 | 8.13 | 32.89 | 99 | 25.62 | 239.0 | 3.17 | 1.51 | 1482. |
| 125 | 7.53 | 33.20 | 124 | 25.96 | 207.6 | 3.73 | 2.15 | 1481. |
| 150 | 7.06 | 33.54 | 149 | 26.29 | 176.5 | 4.20 | 2.81 | 1480. |
| 175 | 6.76 | 33.75 | 174 | 26.49 | 157.5 | 4.61 | 3.49 | 1479. |
| 200 | 6.49 | 33.88 | 199 | 26.63 | 145.0 | 4.99 | 4.21 | 1479. |
| 225 | 6.25 | 33.92 | 223 | 26.69 | 139.3 | 5.35 | 4.98 | 1478. |
| 250 | 6.12 | 33.94 | 248 | 26.72 | 136.5 | 5.69 | 5.81 | 1478. |
| 300 | 5.84 | 33.96 | 298 | 26.77 | 132.0 | 6.36 | 7.69 | 1478. |
| 400 | 5.31 | 33.99 | 397 | 26.86 | 124.1 | 7.64 | 12.24 | 1477. |
| 500 | 4.93 | 34.08 | 496 | 26.98 | 114.3 | 8.83 | 17.69 | 1478. |
| 600 | 4.59 | 34.14 | 595 | 27.07 | 106.5 | 9.93 | 23.85 | 1478. |
| 800 | 3.85 | 34.22 | 793 | 27.20 | 94.3 | 11.92 | 38.04 | 1478. |
| 1000 | 3.47 | 34.32 | 990 | 27.32 | 83.9 | 13.70 | 54.33 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO: 84 - 14 - 31
53-14.5 N 132-55.0 W
MO.-10 DAY-16 13.2
31
32
33
34
35
SALINITY, O/OO

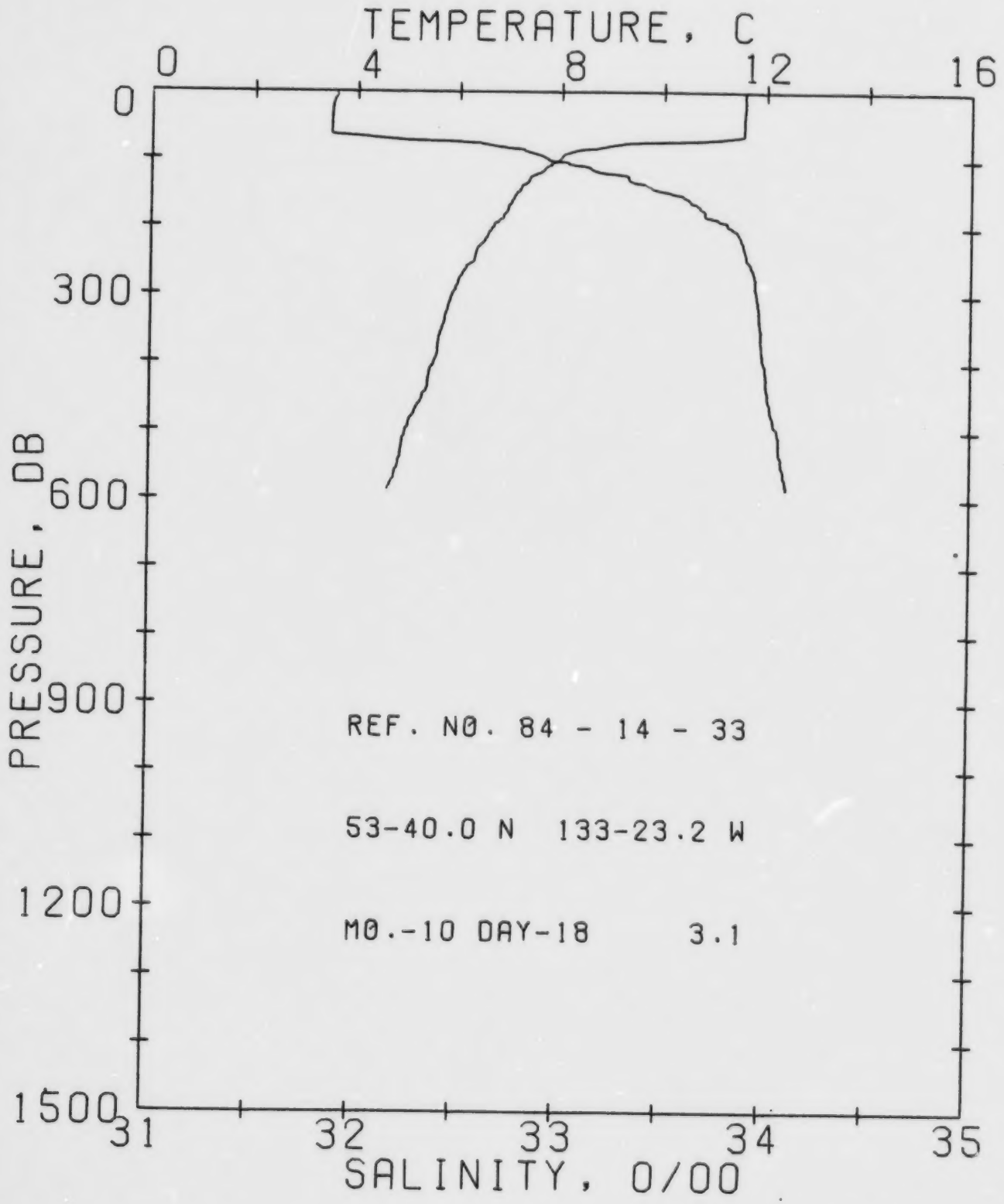
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 31 DATE 16/10/84
POSITION 53-14.5N, 132-55.0W GMT 13.2 STATION Q 78
RESULTS OF STP CAST 582 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.59 | 31.72 | 0 | 24.14 | 378.2 | .00 | .00 | 1492. |
| 10 | 11.59 | 31.71 | 10 | 24.14 | 378.9 | .38 | .02 | 1492. |
| 20 | 11.71 | 31.79 | 20 | 24.18 | 375.6 | .76 | .08 | 1493. |
| 30 | 11.83 | 31.96 | 30 | 24.28 | 365.5 | 1.13 | .17 | 1494. |
| 50 | 11.57 | 32.01 | 50 | 24.38 | 357.2 | 1.85 | .46 | 1493. |
| 75 | 10.08 | 32.44 | 75 | 24.96 | 301.7 | 2.69 | 1.00 | 1489. |
| 100 | 8.21 | 32.91 | 99 | 25.63 | 238.8 | 3.34 | 1.58 | 1483. |
| 125 | 7.78 | 33.11 | 124 | 25.85 | 218.0 | 3.91 | 2.23 | 1482. |
| 150 | 7.44 | 33.34 | 149 | 26.07 | 196.9 | 4.43 | 2.95 | 1481. |
| 175 | 7.20 | 33.61 | 174 | 26.32 | 173.7 | 4.89 | 3.71 | 1481. |
| 200 | 6.73 | 33.79 | 199 | 26.52 | 154.6 | 5.29 | 4.49 | 1480. |
| 225 | 6.61 | 33.86 | 223 | 26.60 | 148.2 | 5.67 | 5.30 | 1480. |
| 250 | 6.50 | 33.89 | 248 | 26.64 | 144.7 | 6.04 | 6.19 | 1480. |
| 300 | 6.08 | 33.94 | 298 | 26.73 | 136.6 | 6.74 | 8.16 | 1479. |
| 400 | 5.61 | 33.98 | 397 | 26.82 | 129.0 | 8.05 | 12.84 | 1479. |
| 500 | 5.22 | 34.03 | 496 | 26.90 | 121.7 | 9.30 | 18.56 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 32
53-9.5 N 132-41.3 W
MO.-10 DAY-16 14.4
31
32
33
34
35
SALINITY, O/OO

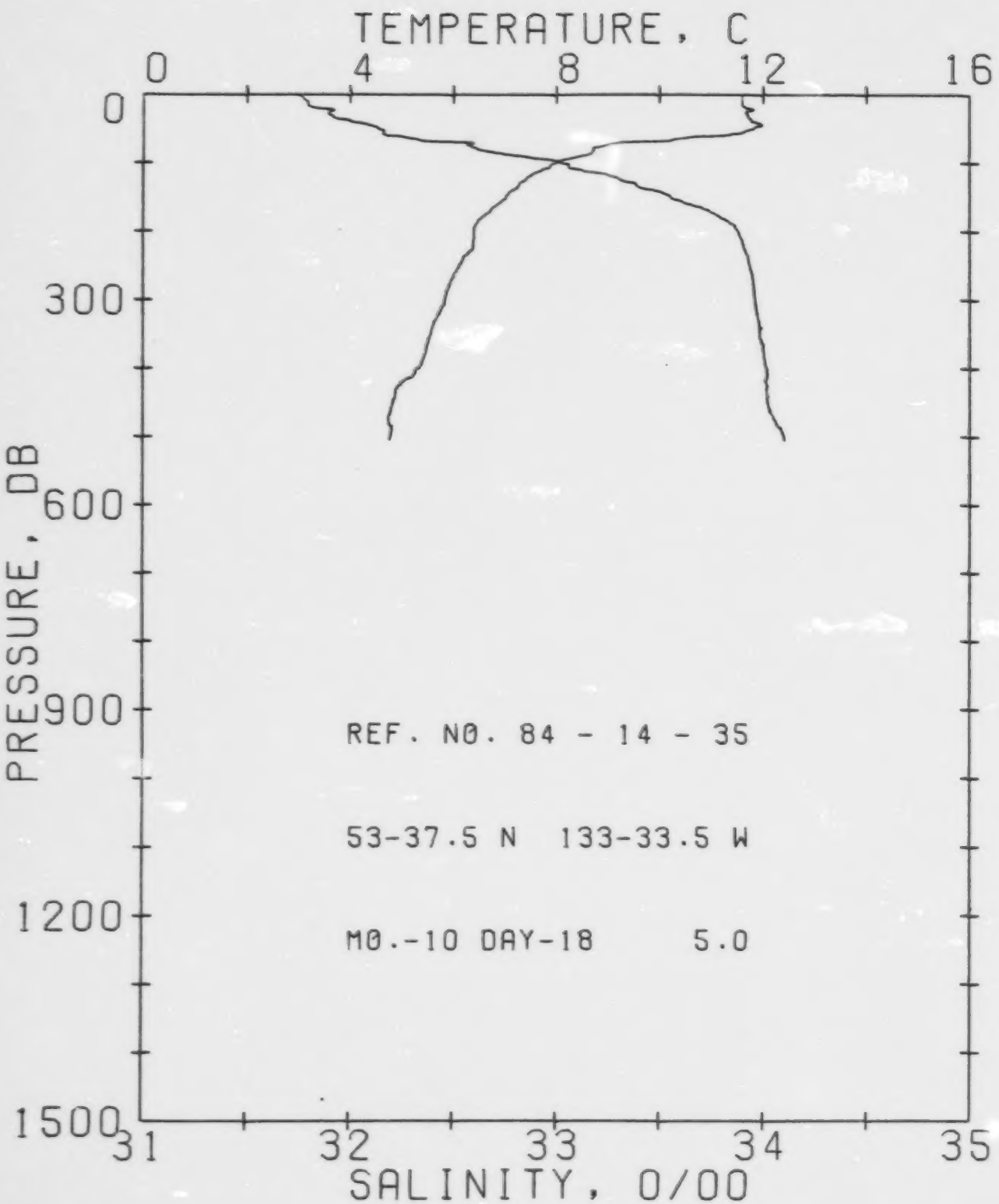
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 32 DATE 16/10/84
POSITION 53- 9.5N, 132-41.3W GMT 14.4 STATION Q 80
RESULTS OF STP CAST 182 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.72 | 31.67 | 0 | 24.08 | 384.3 | .00 | .00 | 1492. |
| 10 | 11.70 | 31.66 | 10 | 24.08 | 384.9 | .39 | .02 | 1492. |
| 20 | 11.86 | 31.77 | 20 | 24.14 | 379.2 | .77 | .08 | 1493. |
| 30 | 11.60 | 31.98 | 30 | 24.35 | 359.5 | 1.14 | .17 | 1493. |
| 50 | 9.13 | 32.60 | 50 | 25.25 | 274.0 | 1.74 | .42 | 1485. |
| 75 | 8.45 | 32.88 | 75 | 25.57 | 243.9 | 2.38 | .82 | 1483. |
| 100 | 7.77 | 33.19 | 99 | 25.91 | 212.0 | 2.96 | 1.33 | 1481. |
| 125 | 7.54 | 33.31 | 124 | 26.03 | 200.2 | 3.46 | 1.91 | 1481. |
| 150 | 7.17 | 33.52 | 149 | 26.25 | 179.7 | 3.95 | 2.59 | 1480. |
| 175 | 6.88 | 33.67 | 174 | 26.41 | 164.8 | 4.38 | 3.30 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 33
53-40.0 N 133-23.2 W
MO.-10 DAY-18 3.1
31
32
33
34
35
SALINITY, O/OO

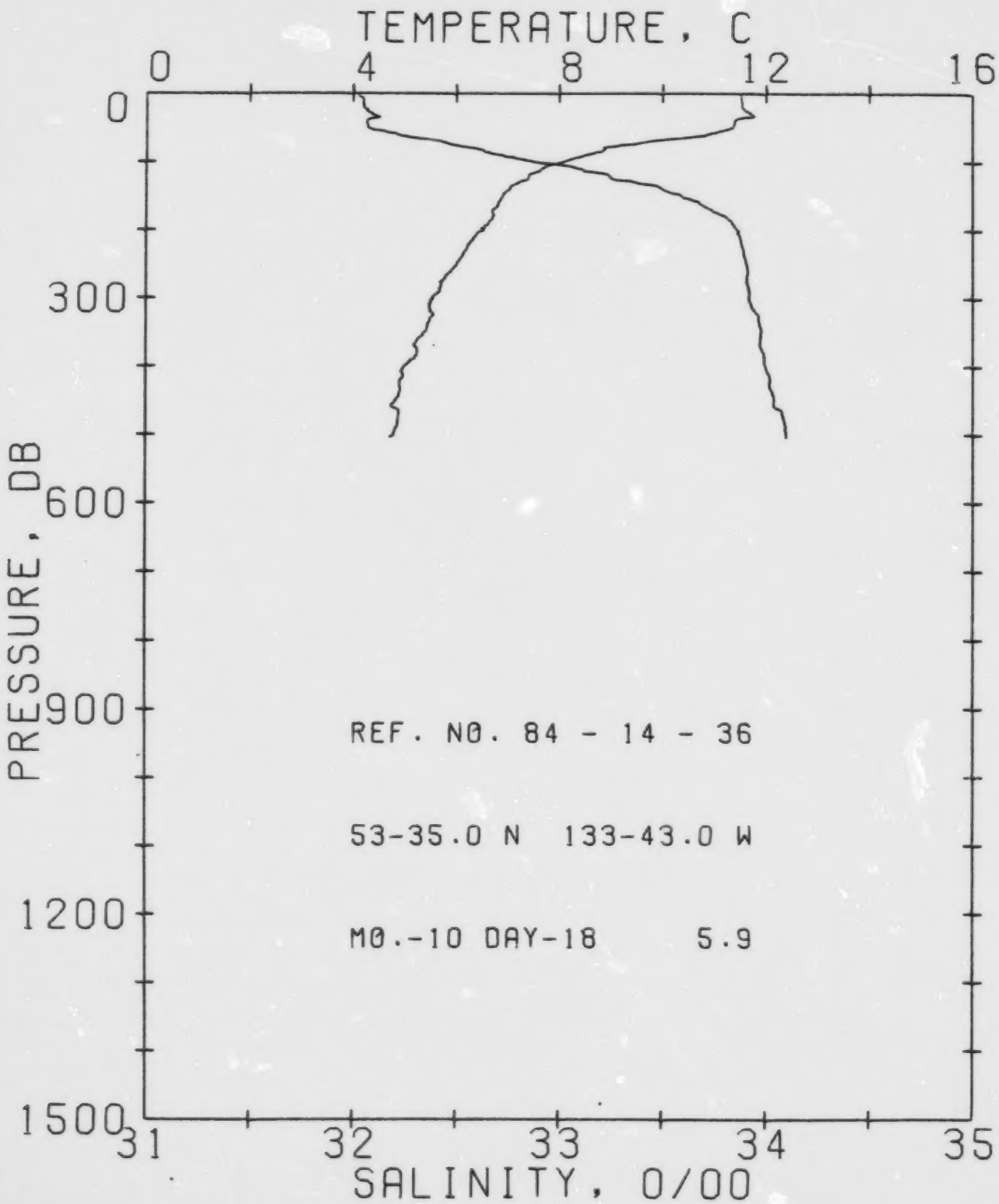
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 33 DATE 18/10/84
POSITION 53-40.0N, 133-23.2W GMT 3.1 STATION Q 69
RESULTS OF STP CAST 586 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.58 | 31.90 | 0 | 24.28 | 364.8 | .00 | .00 | 1492. |
| 10 | 11.57 | 31.89 | 10 | 24.28 | 365.4 | .36 | .02 | 1492. |
| 20 | 11.59 | 31.88 | 20 | 24.27 | 367.0 | .73 | .07 | 1492. |
| 30 | 11.57 | 31.88 | 30 | 24.27 | 366.8 | 1.10 | .17 | 1493. |
| 50 | 11.56 | 31.87 | 50 | 24.27 | 367.4 | 1.83 | .47 | 1493. |
| 75 | 9.35 | 32.60 | 75 | 25.21 | 278.0 | 2.71 | 1.03 | 1486. |
| 100 | 7.97 | 32.94 | 99 | 25.68 | 233.1 | 3.34 | 1.58 | 1482. |
| 125 | 7.40 | 33.33 | 124 | 26.07 | 196.7 | 3.88 | 2.19 | 1480. |
| 150 | 7.12 | 33.54 | 149 | 26.28 | 177.3 | 4.35 | 2.86 | 1480. |
| 175 | 6.96 | 33.69 | 174 | 26.42 | 164.4 | 4.77 | 3.56 | 1480. |
| 200 | 6.66 | 33.83 | 199 | 26.56 | 150.9 | 5.17 | 4.31 | 1479. |
| 225 | 6.44 | 33.89 | 223 | 26.64 | 144.0 | 5.54 | 5.11 | 1479. |
| 250 | 6.31 | 33.91 | 248 | 26.68 | 140.8 | 5.89 | 5.97 | 1479. |
| 300 | 5.88 | 33.95 | 298 | 26.76 | 132.8 | 6.57 | 7.86 | 1478. |
| 400 | 5.53 | 33.99 | 397 | 26.84 | 127.0 | 7.87 | 12.49 | 1478. |
| 500 | 4.98 | 34.06 | 496 | 26.96 | 116.2 | 9.09 | 18.09 | 1478. |
| 600 | 4.54 | 34.10 | 595 | 27.04 | 108.8 | 10.22 | 24.38 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 35
53-37.5 N 133-33.5 W
MO.-10 DAY-18 5.0
31
32
33
34
35
SALINITY, O/OO

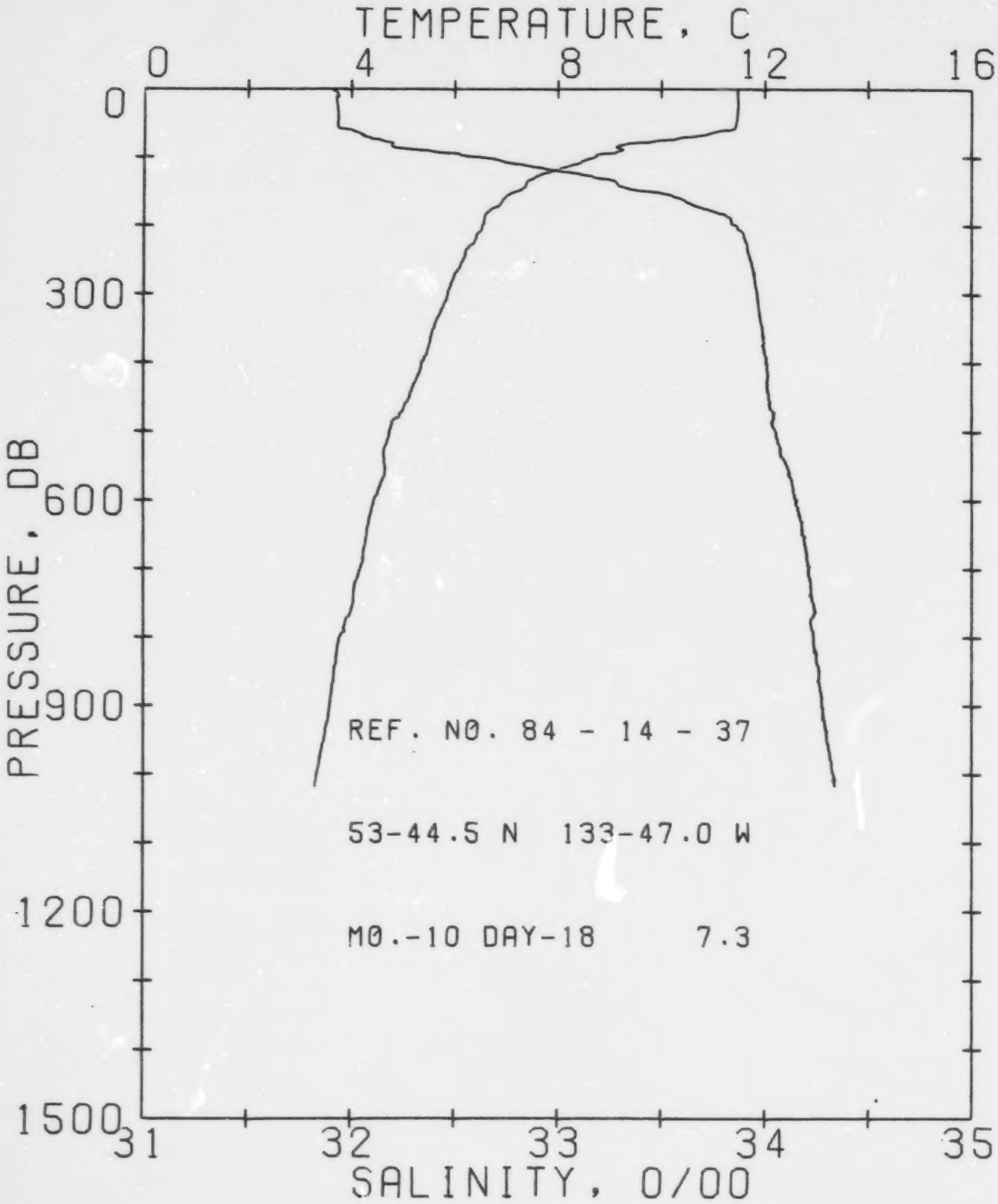
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 35 DATE 18/10/84
POSITION 53-37.5N, 133-33.5W GMT 5.0 STATION Q 70
RESULTS OF STP CAST 506 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.60 | 31.76 | 0 | 24.17 | 375.4 | .00 | .00 | 1492. |
| 10 | 11.60 | 31.80 | 10 | 24.20 | 372.9 | .37 | .02 | 1492. |
| 20 | 11.70 | 31.84 | 20 | 24.22 | 371.4 | .75 | .08 | 1493. |
| 30 | 11.70 | 31.90 | 30 | 24.27 | 367.0 | 1.11 | .17 | 1493. |
| 50 | 11.80 | 32.14 | 50 | 24.43 | 352.2 | 1.84 | .46 | 1494. |
| 75 | 8.91 | 32.58 | 75 | 25.27 | 272.7 | 2.63 | .97 | 1484. |
| 100 | 7.98 | 33.02 | 99 | 25.75 | 227.2 | 3.26 | 1.53 | 1482. |
| 125 | 7.40 | 33.31 | 124 | 26.06 | 197.9 | 3.80 | 2.13 | 1480. |
| 150 | 7.01 | 33.56 | 149 | 26.30 | 174.9 | 4.26 | 2.78 | 1480. |
| 175 | 6.62 | 33.78 | 174 | 26.53 | 153.8 | 4.67 | 3.46 | 1479. |
| 200 | 6.40 | 33.88 | 199 | 26.64 | 143.5 | 5.04 | 4.17 | 1478. |
| 225 | 6.38 | 33.91 | 223 | 26.66 | 141.7 | 5.40 | 4.94 | 1479. |
| 250 | 6.10 | 33.94 | 248 | 26.72 | 136.3 | 5.74 | 5.77 | 1478. |
| 300 | 5.83 | 33.96 | 298 | 26.78 | 131.5 | 6.41 | 7.64 | 1478. |
| 400 | 5.33 | 34.02 | 397 | 26.88 | 122.5 | 7.68 | 12.17 | 1478. |
| 500 | 4.78 | 34.10 | 496 | 27.01 | 110.7 | 8.85 | 17.50 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 36
53-35.0 N 133-43.0 W
MO.-10 DAY-18 5.9
31
32
33
34
35
SALINITY, O/OO

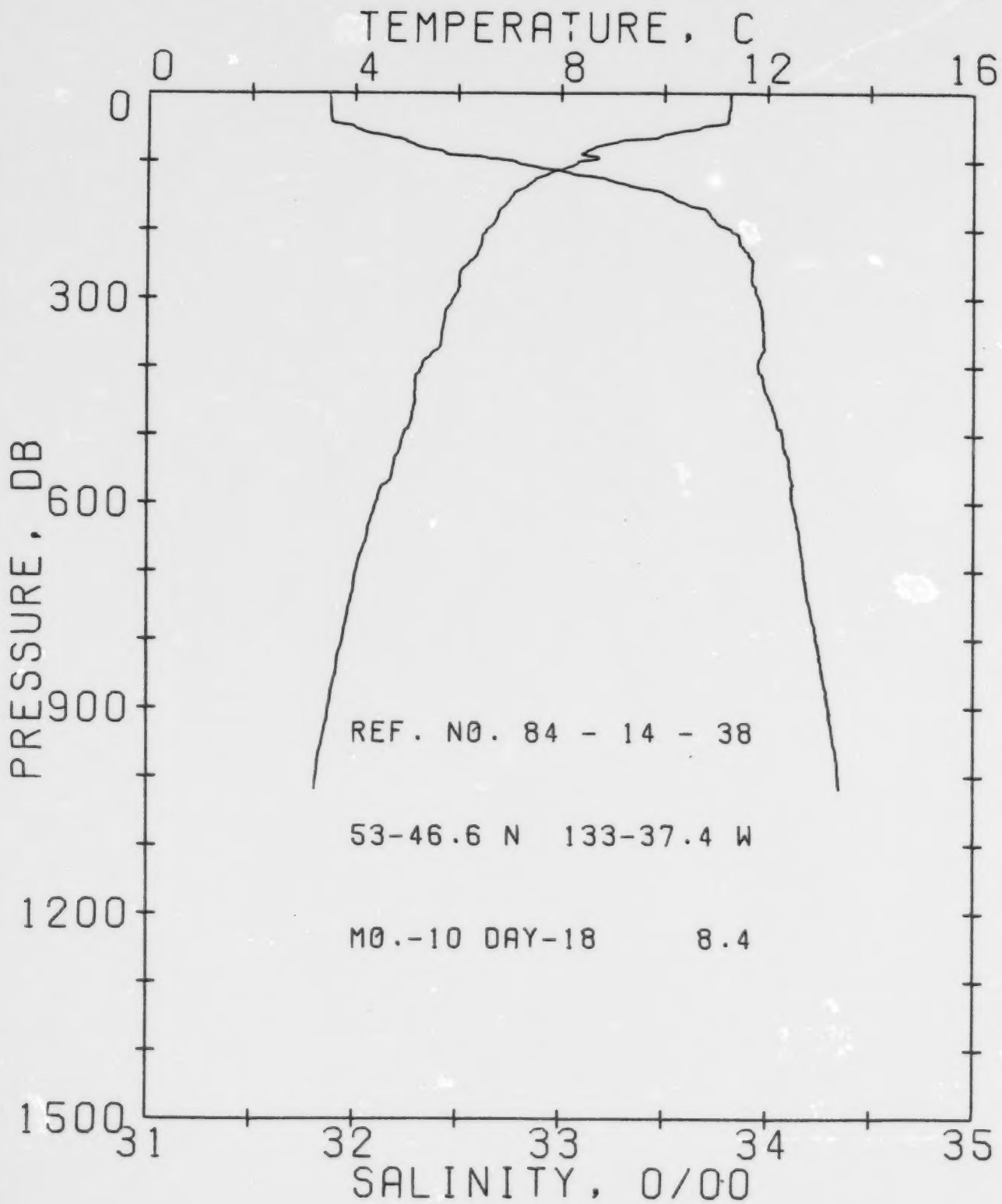
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 36 DATE 18/10/84
POSITION 53-35.0N, 133-43.0W GMT 5.9 STATION Q 71
RESULTS OF STP CAST 505 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.52 | 32.03 | 0 | 24.40 | 354.3 | .00 | .00 | 1492. |
| 10 | 11.53 | 32.05 | 10 | 24.41 | 352.9 | .35 | .02 | 1492. |
| 20 | 11.54 | 32.05 | 20 | 24.41 | 353.2 | .71 | .07 | 1492. |
| 30 | 11.72 | 32.09 | 30 | 24.41 | 353.5 | 1.06 | .16 | 1493. |
| 50 | 11.35 | 32.07 | 50 | 24.46 | 348.8 | 1.76 | .45 | 1492. |
| 75 | 9.31 | 32.49 | 75 | 25.13 | 285.7 | 2.56 | .95 | 1486. |
| 100 | 8.07 | 32.89 | 99 | 25.64 | 237.8 | 3.21 | 1.53 | 1482. |
| 125 | 7.38 | 33.26 | 124 | 26.02 | 201.7 | 3.75 | 2.14 | 1480. |
| 150 | 6.89 | 33.59 | 149 | 26.35 | 170.5 | 4.20 | 2.78 | 1479. |
| 175 | 6.69 | 33.77 | 174 | 26.52 | 154.9 | 4.61 | 3.45 | 1479. |
| 200 | 6.52 | 33.86 | 199 | 26.61 | 146.3 | 4.98 | 4.17 | 1479. |
| 225 | 6.20 | 33.89 | 223 | 26.67 | 140.8 | 5.34 | 4.94 | 1478. |
| 250 | 5.99 | 33.91 | 248 | 26.71 | 137.2 | 5.69 | 5.78 | 1478. |
| 300 | 5.53 | 33.91 | 298 | 26.77 | 131.7 | 6.36 | 7.66 | 1477. |
| 400 | 4.96 | 34.00 | 397 | 26.91 | 119.6 | 7.62 | 12.14 | 1476. |
| 500 | 4.76 | 34.09 | 496 | 27.01 | 111.0 | 8.77 | 17.42 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 37
53-44.5 N 133-47.0 W
MO.-10 DAY-18 7.3
31
32
33
34
35
SALINITY, O/OO

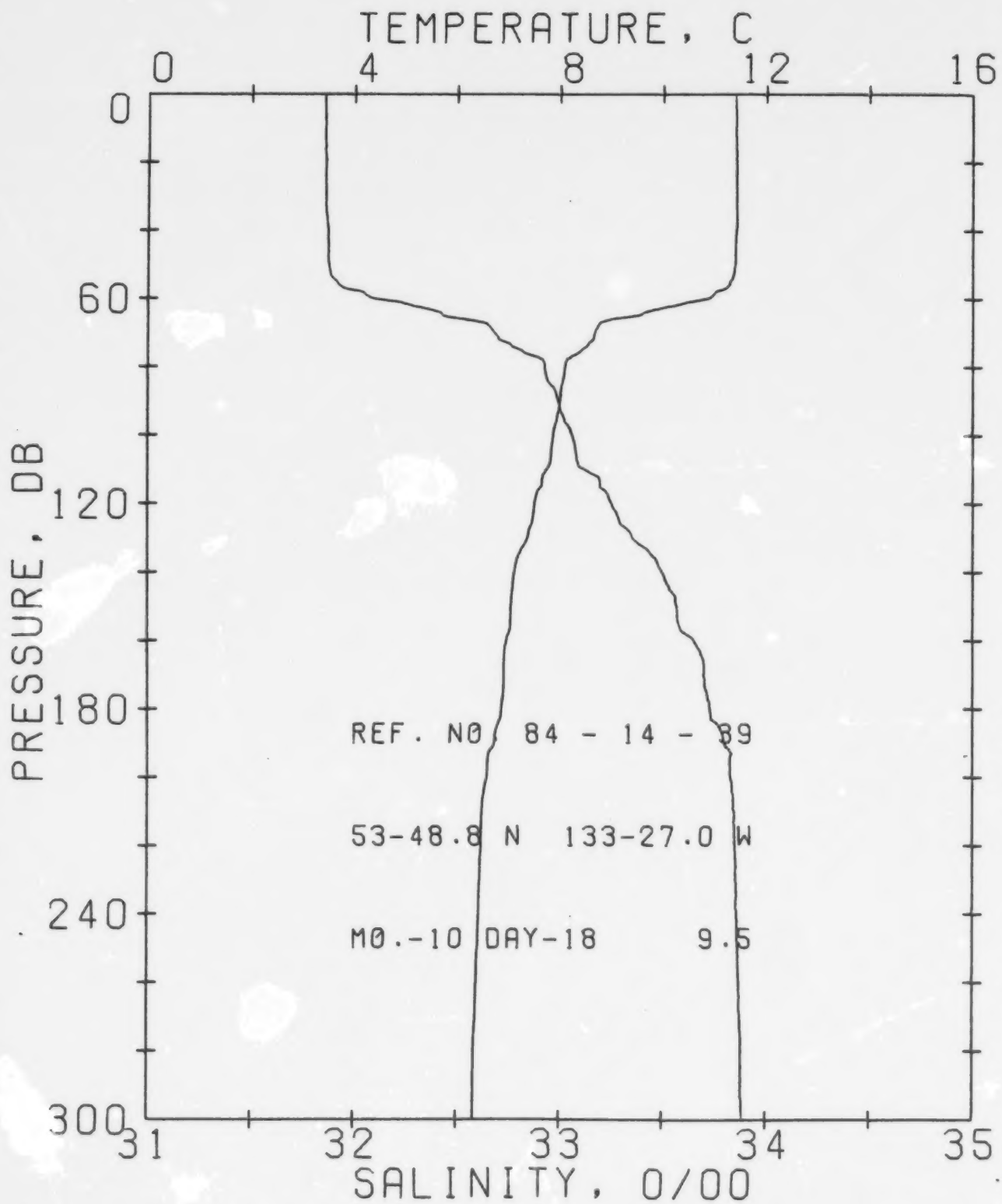
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 37 DATE 18/10/84
POSITION 53-44.5N, 133-47.0W GMT 7.3 STATION Q 22
RESULTS OF STP CAST 1018 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.47 | 31.91 | 0 | 24.31 | 361.9 | .00 | .00 | 1492. |
| 10 | 11.48 | 31.94 | 10 | 24.34 | 360.2 | .36 | .02 | 1492. |
| 20 | 11.49 | 31.93 | 20 | 24.33 | 361.2 | .72 | .07 | 1492. |
| 30 | 11.48 | 31.93 | 30 | 24.33 | 361.0 | 1.08 | .17 | 1492. |
| 50 | 11.46 | 31.93 | 50 | 24.33 | 361.3 | 1.81 | .46 | 1493. |
| 75 | 9.94 | 32.15 | 75 | 24.77 | 320.3 | 2.67 | 1.01 | 1488. |
| 100 | 8.71 | 32.64 | 99 | 25.34 | 266.3 | 3.41 | 1.67 | 1484. |
| 125 | 7.67 | 33.12 | 124 | 25.87 | 216.2 | 4.02 | 2.36 | 1481. |
| 150 | 7.17 | 33.45 | 149 | 26.20 | 185.1 | 4.52 | 3.06 | 1480. |
| 175 | 6.73 | 33.71 | 174 | 26.46 | 160.4 | 4.95 | 3.77 | 1479. |
| 200 | 6.54 | 33.87 | 199 | 26.61 | 146.5 | 5.32 | 4.49 | 1479. |
| 225 | 6.38 | 33.91 | 223 | 26.67 | 141.2 | 5.68 | 5.26 | 1479. |
| 250 | 6.17 | 33.93 | 248 | 26.71 | 137.6 | 6.03 | 6.11 | 1478. |
| 300 | 5.88 | 33.97 | 298 | 26.77 | 131.9 | 6.70 | 7.99 | 1478. |
| 400 | 5.37 | 34.00 | 397 | 26.86 | 124.4 | 7.98 | 12.54 | 1478. |
| 500 | 4.75 | 34.06 | 496 | 26.98 | 113.7 | 9.18 | 18.03 | 1477. |
| 600 | 4.44 | 34.15 | 595 | 27.09 | 104.0 | 10.27 | 24.16 | 1477. |
| 800 | 3.77 | 34.24 | 793 | 27.22 | 91.9 | 12.23 | 38.07 | 1478. |
| 1000 | 3.33 | 34.33 | 990 | 27.34 | 81.3 | 13.97 | 54.02 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 38
53-46.6 N 133-37.4 W
MO.-10 DAY-18 8.4
31
32
33
34
35
SALINITY, O/OO

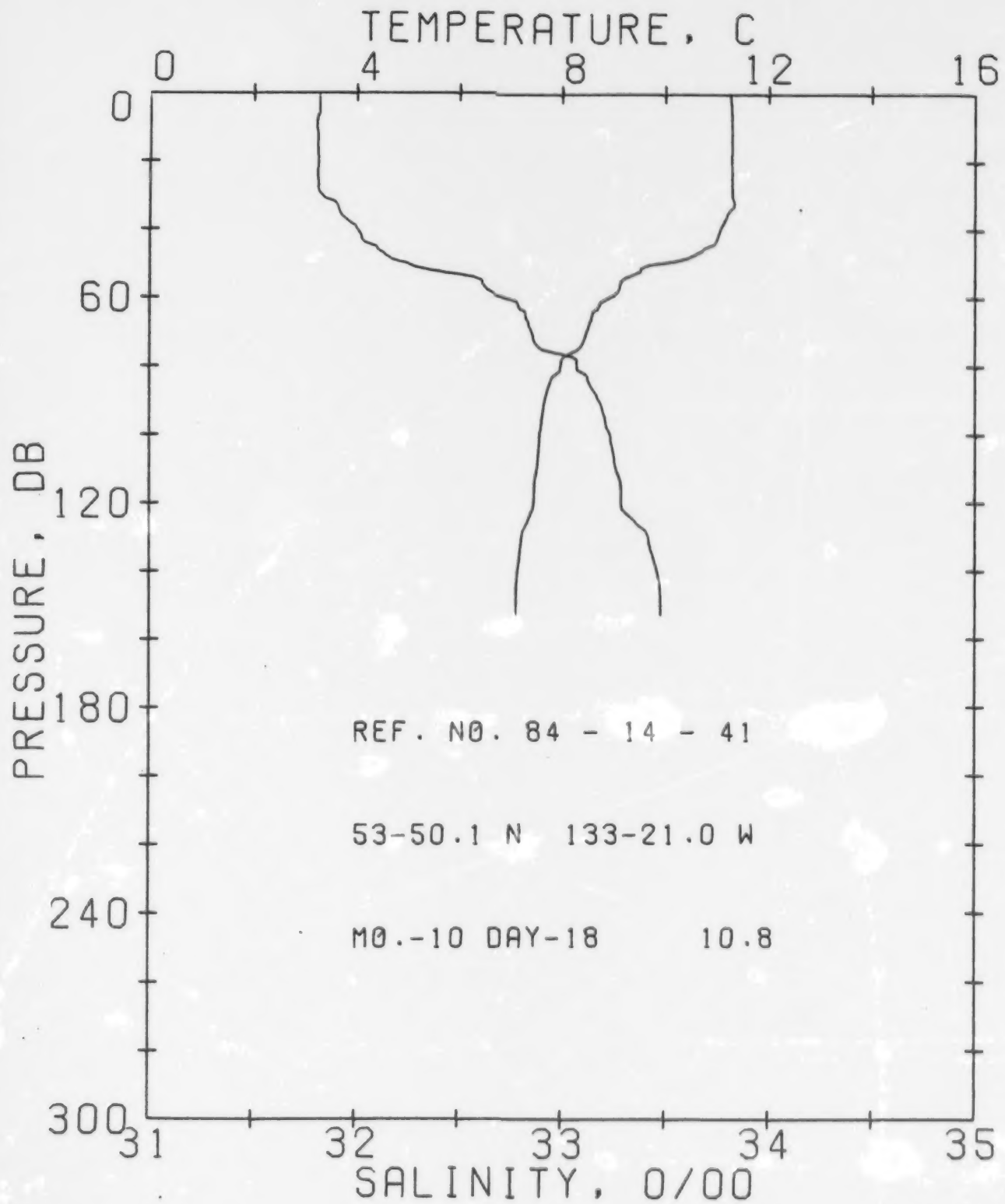
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 38 DATE 18/10/84
POSITION 53-46.6N, 133-37.4W GMT 8.4 STATION Q 23
RESULTS OF STP CAST 1019 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.28 | 31.88 | 0 | 24.32 | 361.3 | .00 | .00 | 1491. |
| 10 | 11.28 | 31.88 | 10 | 24.33 | 361.1 | .36 | .02 | 1491. |
| 20 | 11.28 | 31.88 | 20 | 24.32 | 361.4 | .72 | .07 | 1491. |
| 30 | 11.24 | 31.88 | 30 | 24.33 | 360.8 | 1.08 | .17 | 1491. |
| 50 | 10.72 | 32.00 | 50 | 24.52 | 343.7 | 1.80 | .46 | 1490. |
| 75 | 8.86 | 32.29 | 75 | 25.04 | 293.8 | 2.59 | .96 | 1484. |
| 100 | 8.33 | 32.79 | 99 | 25.51 | 249.4 | 3.28 | 1.57 | 1483. |
| 125 | 7.50 | 33.22 | 124 | 25.98 | 205.8 | 3.85 | 2.23 | 1481. |
| 150 | 7.06 | 33.53 | 149 | 26.28 | 177.5 | 4.33 | 2.89 | 1480. |
| 175 | 6.78 | 33.72 | 174 | 26.47 | 159.8 | 4.75 | 3.59 | 1479. |
| 200 | 6.56 | 33.83 | 199 | 26.58 | 149.7 | 5.14 | 4.34 | 1479. |
| 225 | 6.42 | 33.88 | 223 | 26.64 | 143.9 | 5.51 | 5.13 | 1479. |
| 250 | 6.19 | 33.93 | 248 | 26.71 | 137.8 | 5.86 | 5.98 | 1478. |
| 300 | 5.91 | 33.96 | 298 | 26.77 | 132.7 | 6.54 | 7.88 | 1478. |
| 400 | 5.31 | 33.95 | 397 | 26.83 | 127.1 | 7.83 | 12.48 | 1477. |
| 500 | 4.94 | 34.07 | 496 | 26.97 | 115.0 | 9.04 | 18.03 | 1478. |
| 600 | 4.42 | 34.12 | 595 | 27.06 | 106.2 | 10.15 | 24.20 | 1477. |
| 800 | 3.78 | 34.24 | 793 | 27.23 | 91.9 | 12.12 | 38.21 | 1478. |
| 1000 | 3.26 | 34.35 | 990 | 27.36 | 79.3 | 13.82 | 53.80 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO 84 - 14 - 89
53-48.8 N 133-27.0 W
MO.-10 DAY-18 9.5
31
32
33
34
35
SALINITY, O/OO

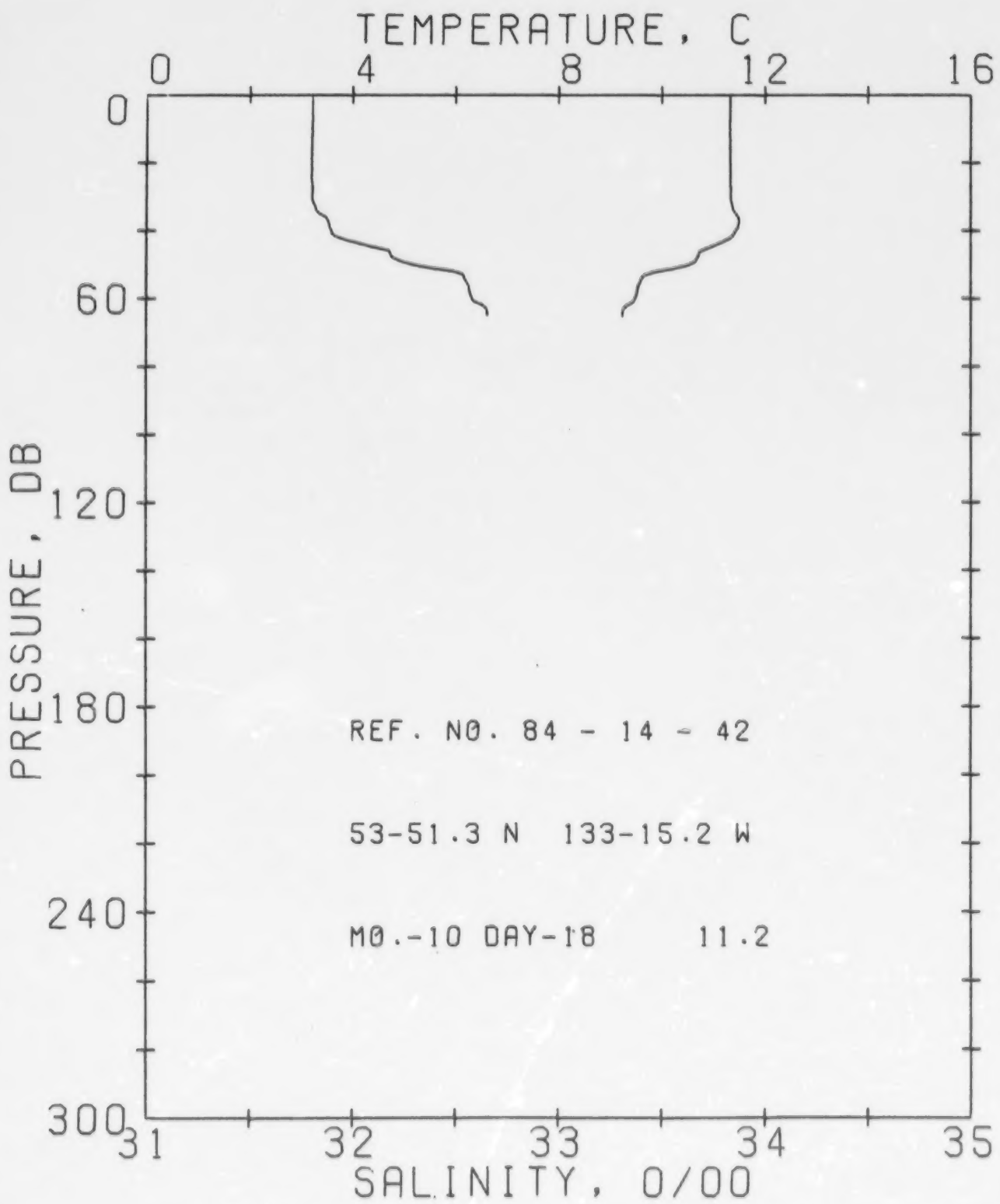
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 39 DATE 18/10/84
POSITION 53-48.8N, 133-27.0W GMT 9.5 STATION Q 24
RESULTS OF STP CAST 335 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.41 | 31.85 | 0 | 24.28 | 365.1 | .00 | .00 | 1491. |
| 10 | 11.41 | 31.85 | 10 | 24.28 | 365.3 | .37 | .02 | 1492. |
| 20 | 11.42 | 31.86 | 20 | 24.28 | 365.3 | .73 | .07 | 1492. |
| 30 | 11.42 | 31.86 | 30 | 24.28 | 365.5 | 1.10 | .17 | 1492. |
| 50 | 11.39 | 31.87 | 50 | 24.30 | 364.3 | 1.83 | .46 | 1492. |
| 75 | 8.41 | 32.81 | 75 | 25.52 | 248.9 | 2.60 | .95 | 1483. |
| 100 | 7.86 | 33.06 | 99 | 25.79 | 222.9 | 3.18 | 1.47 | 1481. |
| 125 | 7.46 | 33.28 | 124 | 26.03 | 201.0 | 3.71 | 2.07 | 1481. |
| 150 | 7.04 | 33.56 | 149 | 26.31 | 174.8 | 4.18 | 2.72 | 1480. |
| 175 | 6.90 | 33.71 | 174 | 26.44 | 162.5 | 4.59 | 3.41 | 1480. |
| 200 | 6.58 | 33.82 | 199 | 26.57 | 150.1 | 4.98 | 4.16 | 1479. |
| 225 | 6.46 | 33.85 | 223 | 26.61 | 146.8 | 5.35 | 4.96 | 1479. |
| 250 | 6.41 | 33.86 | 248 | 26.63 | 145.5 | 5.72 | 5.84 | 1479. |
| 300 | 6.32 | 33.89 | 298 | 26.66 | 143.3 | 6.44 | 7.87 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 41
53-50.1 N 133-21.0 W
MO.-10 DAY-18 10.8
31
32
33
34
35
SALINITY, O/OO

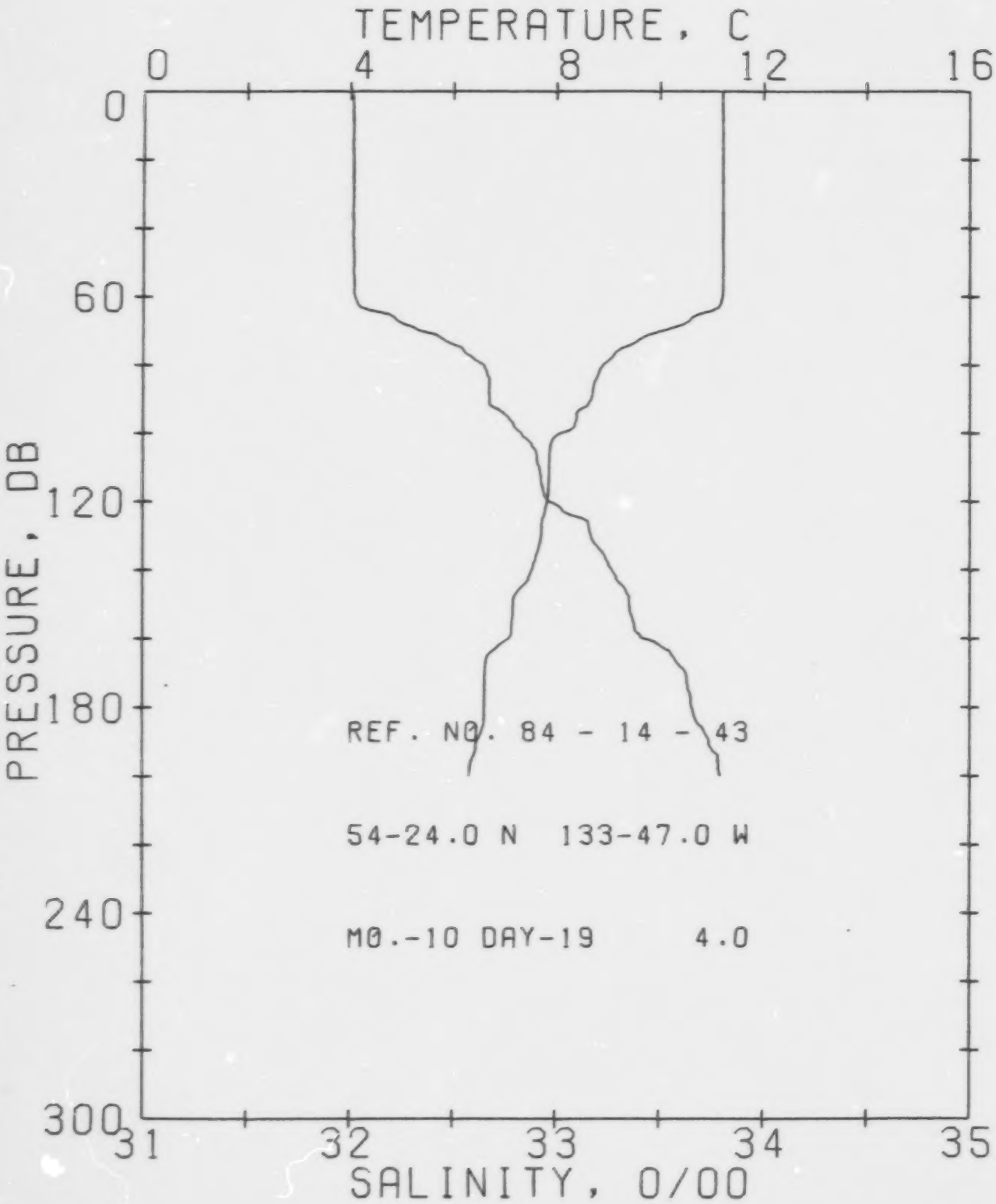
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 41 DATE 18/10/84
POSITION 53-50.1N, 133-21.0W GMT 10.8 STATION Q 25
RESULTS OF STP CAST 154 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.25 | 31.82 | 0 | 24.28 | 365.2 | .00 | .00 | 1491. |
| 10 | 11.28 | 31.80 | 10 | 24.26 | 367.1 | .37 | .02 | 1491. |
| 20 | 11.28 | 31.81 | 20 | 24.27 | 366.3 | .73 | .07 | 1491. |
| 30 | 11.28 | 31.83 | 30 | 24.29 | 365.1 | 1.10 | .17 | 1491. |
| 50 | 9.69 | 32.25 | 50 | 24.88 | 308.8 | 1.79 | .45 | 1487. |
| 75 | 8.30 | 32.90 | 75 | 25.61 | 240.3 | 2.45 | .86 | 1483. |
| 100 | 7.57 | 33.23 | 99 | 25.97 | 205.6 | 2.98 | 1.34 | 1481. |
| 125 | 7.35 | 33.35 | 124 | 26.09 | 194.5 | 3.49 | 1.92 | 1480. |
| 150 | 7.11 | 33.48 | 149 | 26.23 | 181.9 | 3.95 | 2.57 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 42
53-51.3 N 133-15.2 W
MO.-10 DAY-18 11.2
31
32
33
34
35
SALINITY, O/OO

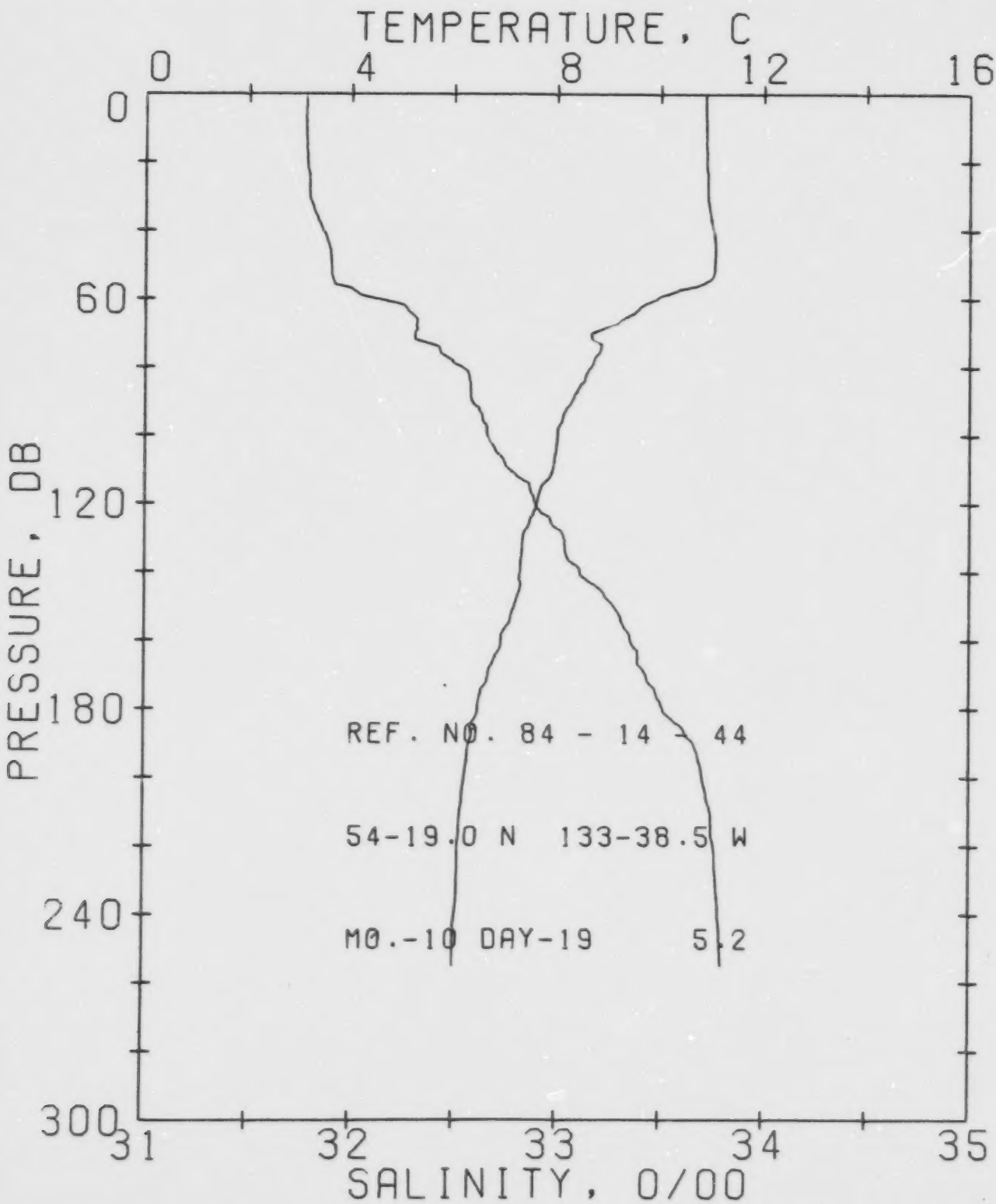
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 42 DATE 18/10/84
POSITION 53-51.3N, 133-15.2W GMT 11.2 STATION Q 26
RESULTS OF STP CAST 66 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.33 | 31.81 | 0 | 24.26 | 367.4 | .00 | .00 | 1491. |
| 10 | 11.32 | 31.80 | 10 | 24.26 | 367.7 | .37 | .02 | 1491. |
| 20 | 11.33 | 31.80 | 20 | 24.26 | 368.0 | .74 | .07 | 1491. |
| 30 | 11.34 | 31.80 | 30 | 24.26 | 368.2 | 1.10 | .17 | 1492. |
| 50 | 10.53 | 32.28 | 50 | 24.77 | 319.9 | 1.81 | .46 | 1490. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 43
54-24.0 N 133-47.0 W
MO.-10 DAY-19 4.0
31
32
33
34
35
SALINITY, O/OO

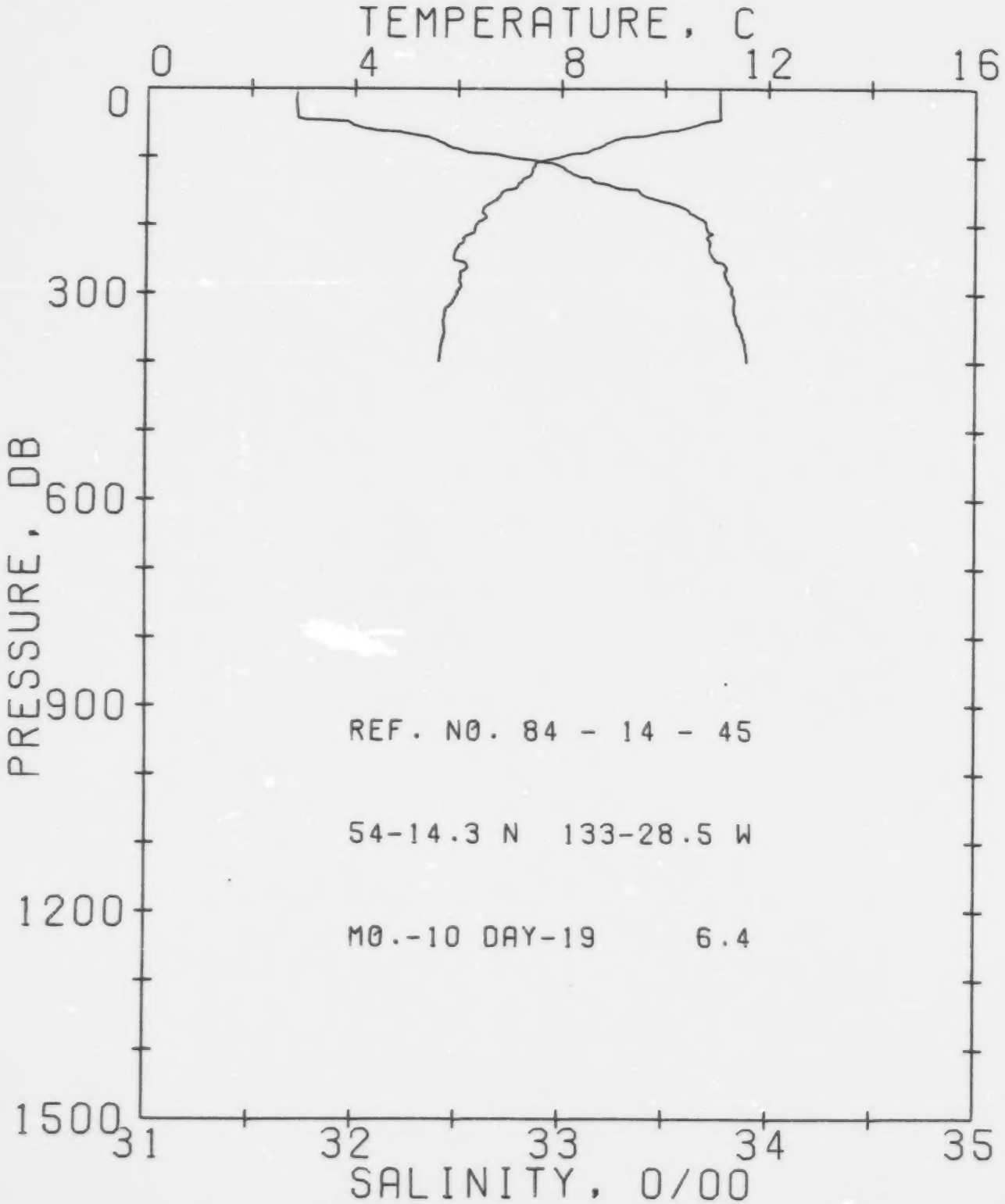
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 43 DATE 19/10/84
POSITION 54-24.0N, 133-47.0W GMT 4.0 STATION Q 34
RESULTS OF STP CAST 201 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.21 | 32.01 | 0 | 24.44 | 349.9 | .00 | .00 | 1491. |
| 10 | 11.21 | 32.02 | 10 | 24.44 | 350.0 | .35 | .02 | 1491. |
| 20 | 11.21 | 32.01 | 20 | 24.44 | 350.3 | .70 | .07 | 1491. |
| 30 | 11.21 | 32.01 | 30 | 24.44 | 350.6 | 1.05 | .16 | 1491. |
| 50 | 11.21 | 32.02 | 50 | 24.44 | 350.9 | 1.75 | .45 | 1492. |
| 75 | 9.27 | 32.54 | 75 | 25.18 | 281.0 | 2.58 | .97 | 1486. |
| 100 | 8.06 | 32.83 | 99 | 25.59 | 242.4 | 3.24 | 1.55 | 1482. |
| 125 | 7.73 | 33.13 | 124 | 25.87 | 216.1 | 3.82 | 2.22 | 1481. |
| 150 | 7.16 | 33.35 | 149 | 26.12 | 192.2 | 4.33 | 2.93 | 1480. |
| 175 | 6.61 | 33.64 | 174 | 26.42 | 164.0 | 4.78 | 3.67 | 1479. |
| 200 | 6.30 | 33.79 | 199 | 26.58 | 148.8 | 5.17 | 4.42 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 44
54-19.0 N 133-38.5 W
MO.-10 DAY-19 5.2
31
32
33
34
35
SALINITY, O/OO

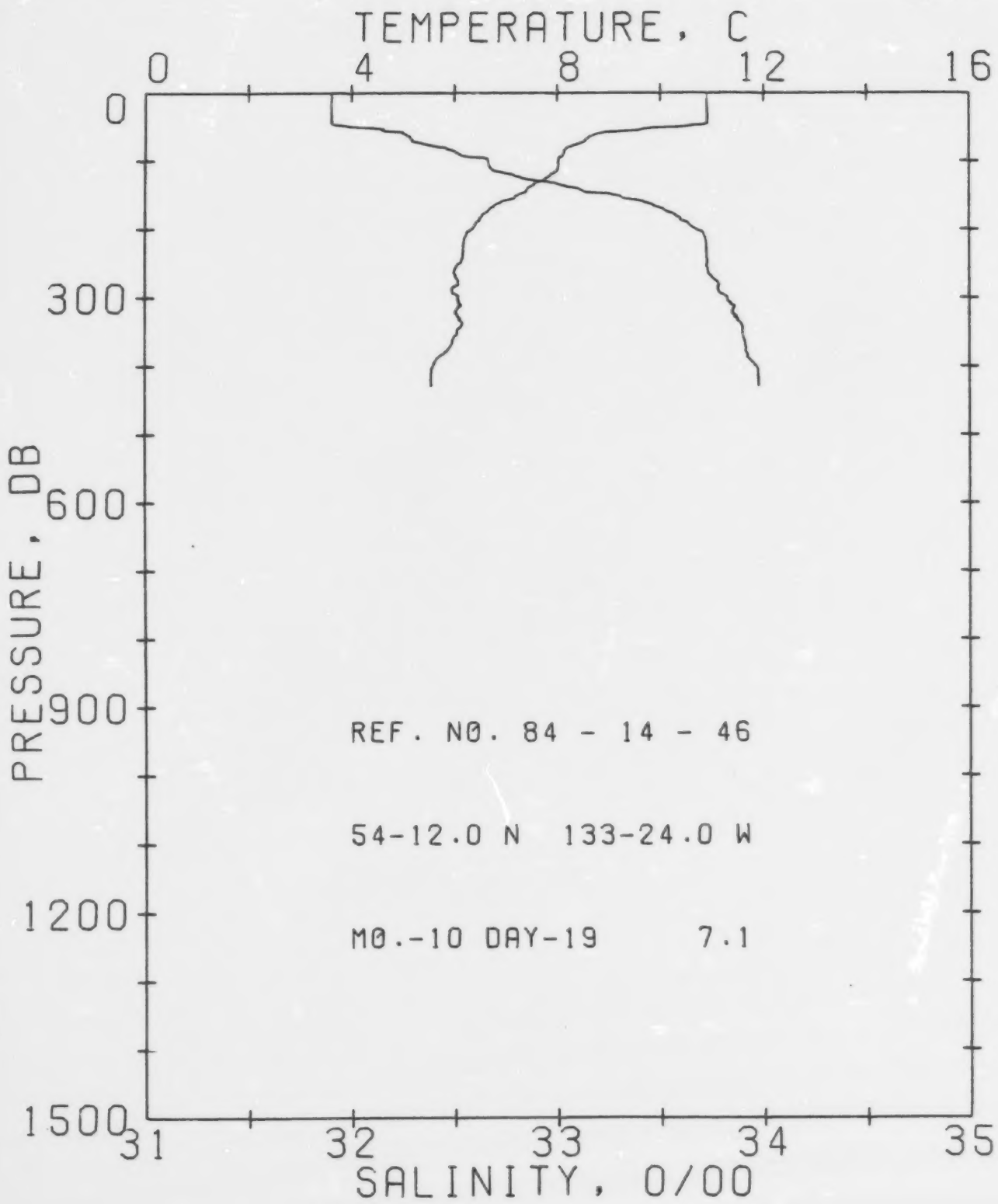
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 44 DATE 19/10/84
POSITION 54-19.0N, 133-38.5W GMT 5.2 STATION Q 33
RESULTS OF STP CAST 256 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.87 | 31.78 | 0 | 24.32 | 361.7 | .00 | .00 | 1489. |
| 10 | 10.88 | 31.78 | 10 | 24.31 | 362.1 | .36 | .02 | 1490. |
| 20 | 10.89 | 31.79 | 20 | 24.32 | 361.9 | .72 | .07 | 1490. |
| 30 | 10.91 | 31.80 | 30 | 24.32 | 361.6 | 1.09 | .17 | 1490. |
| 50 | 11.05 | 31.90 | 50 | 24.38 | 356.6 | 1.80 | .46 | 1491. |
| 75 | 8.86 | 32.43 | 75 | 25.16 | 283.0 | 2.60 | .96 | 1484. |
| 100 | 8.02 | 32.67 | 99 | 25.46 | 254.0 | 3.26 | 1.55 | 1482. |
| 125 | 7.50 | 32.97 | 124 | 25.78 | 224.3 | 3.86 | 2.23 | 1480. |
| 150 | 7.18 | 33.28 | 149 | 26.06 | 197.8 | 4.39 | 2.98 | 1480. |
| 175 | 6.53 | 33.48 | 174 | 26.31 | 174.5 | 4.86 | 3.75 | 1478. |
| 200 | 6.22 | 33.71 | 199 | 26.53 | 153.9 | 5.26 | 4.52 | 1478. |
| 225 | 6.09 | 33.77 | 223 | 26.59 | 148.2 | 5.64 | 5.34 | 1477. |
| 250 | 6.01 | 33.80 | 248 | 26.62 | 145.6 | 6.01 | 6.23 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 45
54-14.3 N 133-28.5 W
MO.-10 DAY-19 6.4
31
32
33
34
35
SALINITY, O/OO

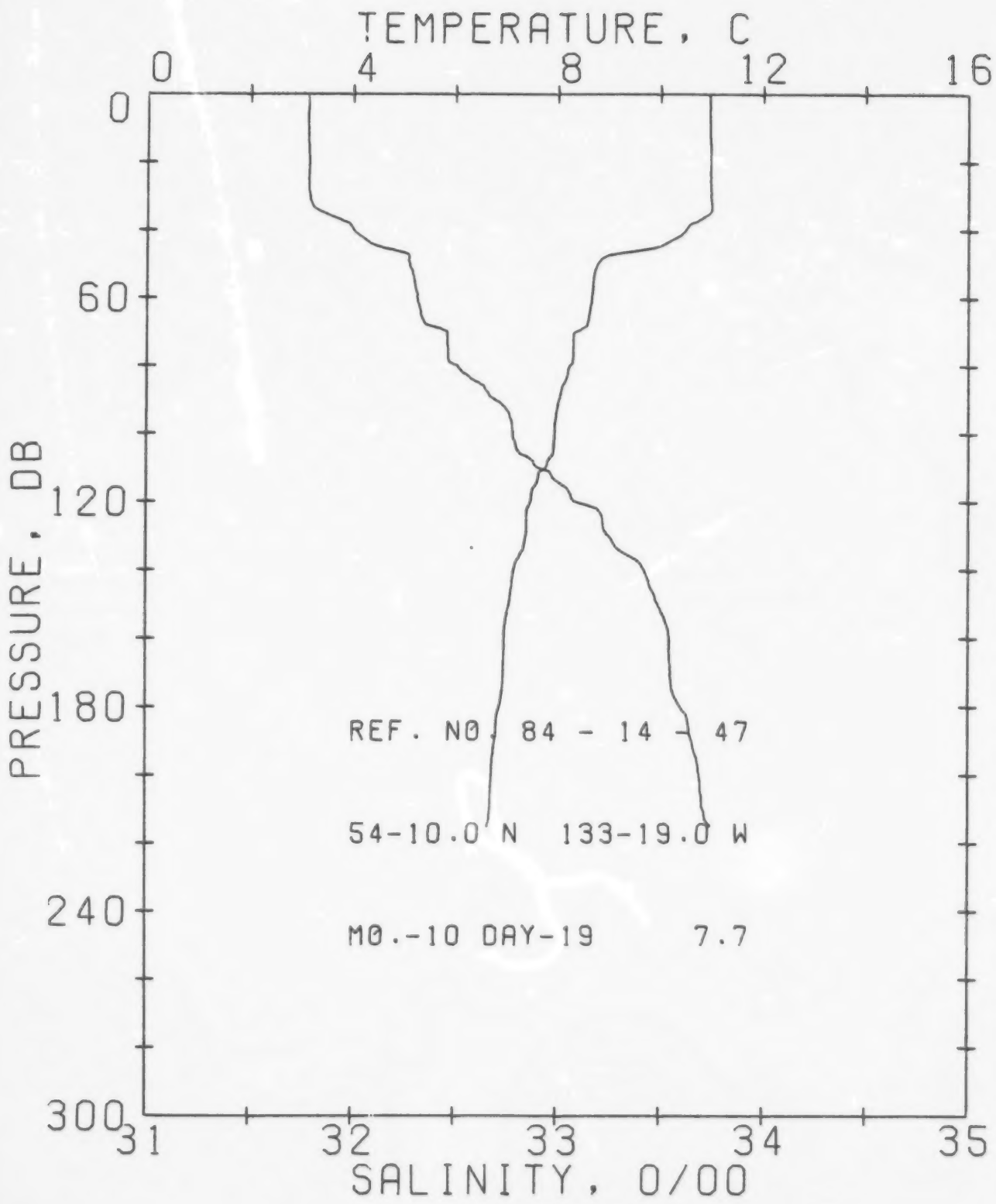
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 45 DATE 19/10/84
POSITION 54-14.3N, 133-28.5W GMT 6.4 STATION Q 32
RESULTS OF STP CAST 399 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.07 | 31.72 | 0 | 24.24 | 369.4 | .00 | .00 | 1490. |
| 10 | 11.06 | 31.72 | 10 | 24.24 | 369.5 | .37 | .02 | 1490. |
| 20 | 11.06 | 31.72 | 20 | 24.24 | 369.7 | .74 | .08 | 1490. |
| 30 | 11.06 | 31.72 | 30 | 24.24 | 369.6 | 1.11 | .17 | 1491. |
| 50 | 10.69 | 31.98 | 50 | 24.51 | 344.6 | 1.84 | .47 | 1490. |
| 75 | 9.01 | 32.40 | 75 | 25.11 | 287.8 | 2.63 | .97 | 1485. |
| 100 | 7.98 | 32.75 | 99 | 25.54 | 247.0 | 3.31 | 1.57 | 1482. |
| 125 | 7.42 | 33.06 | 124 | 25.86 | 217.0 | 3.88 | 2.22 | 1480. |
| 150 | 6.87 | 33.38 | 149 | 26.18 | 186.5 | 4.39 | 2.93 | 1479. |
| 175 | 6.49 | 33.60 | 174 | 26.41 | 165.0 | 4.83 | 3.66 | 1478. |
| 200 | 6.34 | 33.70 | 199 | 26.51 | 156.1 | 5.23 | 4.43 | 1478. |
| 225 | 6.12 | 33.72 | 223 | 26.55 | 152.1 | 5.62 | 5.26 | 1478. |
| 250 | 5.93 | 33.74 | 248 | 26.59 | 148.4 | 5.99 | 6.17 | 1477. |
| 300 | 5.98 | 33.82 | 298 | 26.65 | 143.8 | 6.72 | 8.22 | 1478. |
| 400 | 5.64 | 33.90 | 397 | 26.75 | 135.4 | 8.11 | 13.15 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 46
54-12.0 N 133-24.0 W
MO.-10 DAY-19 7.1
31
32
33
34
35
SALINITY, O/OO

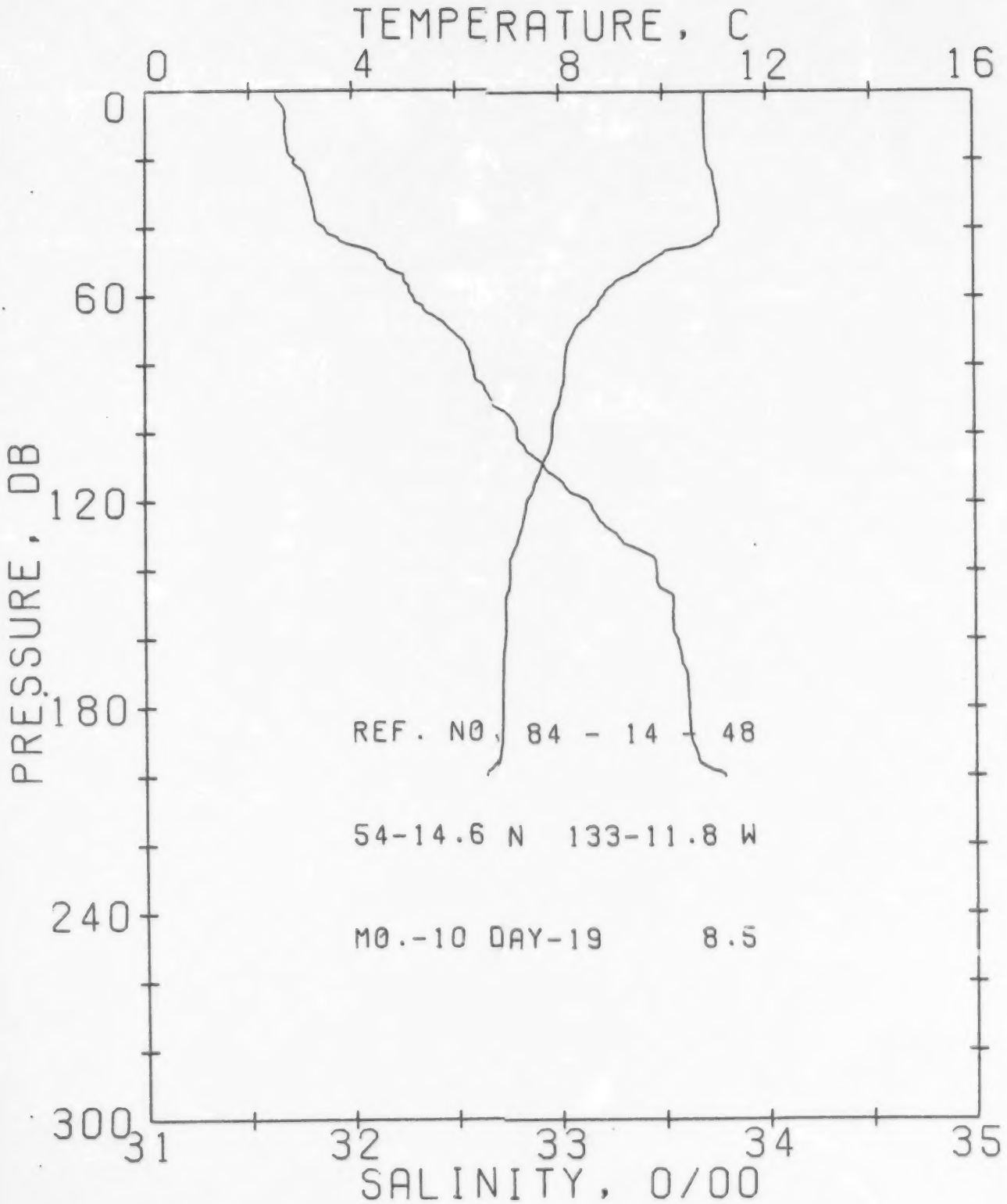
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 46 DATE 19/10/84
POSITION 54-12.0N, 133-24.0W GMT 7.1 STATION Q 31
RESULTS OF STP CAST 430 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.91 | 31.90 | 0 | 24.41 | 353.0 | .00 | .00 | 1490. |
| 10 | 10.90 | 31.90 | 10 | 24.41 | 353.2 | .35 | .02 | 1490. |
| 20 | 10.91 | 31.90 | 20 | 24.41 | 353.6 | .71 | .07 | 1490. |
| 30 | 10.91 | 31.90 | 30 | 24.41 | 353.7 | 1.06 | .16 | 1490. |
| 50 | 10.37 | 32.03 | 50 | 24.59 | 336.2 | 1.76 | .45 | 1489. |
| 75 | 8.40 | 32.35 | 75 | 25.16 | 282.4 | 2.51 | .92 | 1482. |
| 100 | 8.02 | 32.67 | 99 | 25.46 | 254.1 | 3.17 | 1.51 | 1482. |
| 125 | 7.78 | 32.83 | 124 | 25.63 | 239.1 | 3.80 | 2.23 | 1481. |
| 150 | 7.22 | 33.28 | 149 | 26.06 | 198.0 | 4.34 | 2.99 | 1480. |
| 175 | 6.61 | 33.54 | 174 | 26.35 | 171.2 | 4.80 | 3.74 | 1478. |
| 200 | 6.32 | 33.67 | 199 | 26.49 | 157.9 | 5.21 | 4.53 | 1478. |
| 225 | 6.16 | 33.73 | 223 | 26.55 | 152.4 | 5.59 | 5.36 | 1478. |
| 250 | 6.10 | 33.73 | 248 | 26.56 | 151.7 | 5.97 | 6.28 | 1478. |
| 300 | 6.05 | 33.83 | 298 | 26.64 | 144.4 | 6.72 | 8.35 | 1479. |
| 400 | 5.56 | 33.97 | 397 | 26.81 | 129.0 | 8.10 | 13.29 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 47
54-10.0 N 133-19.0 W
MO.-10 DAY-19 7.7
31
32
33
34
35
SALINITY, O/OO

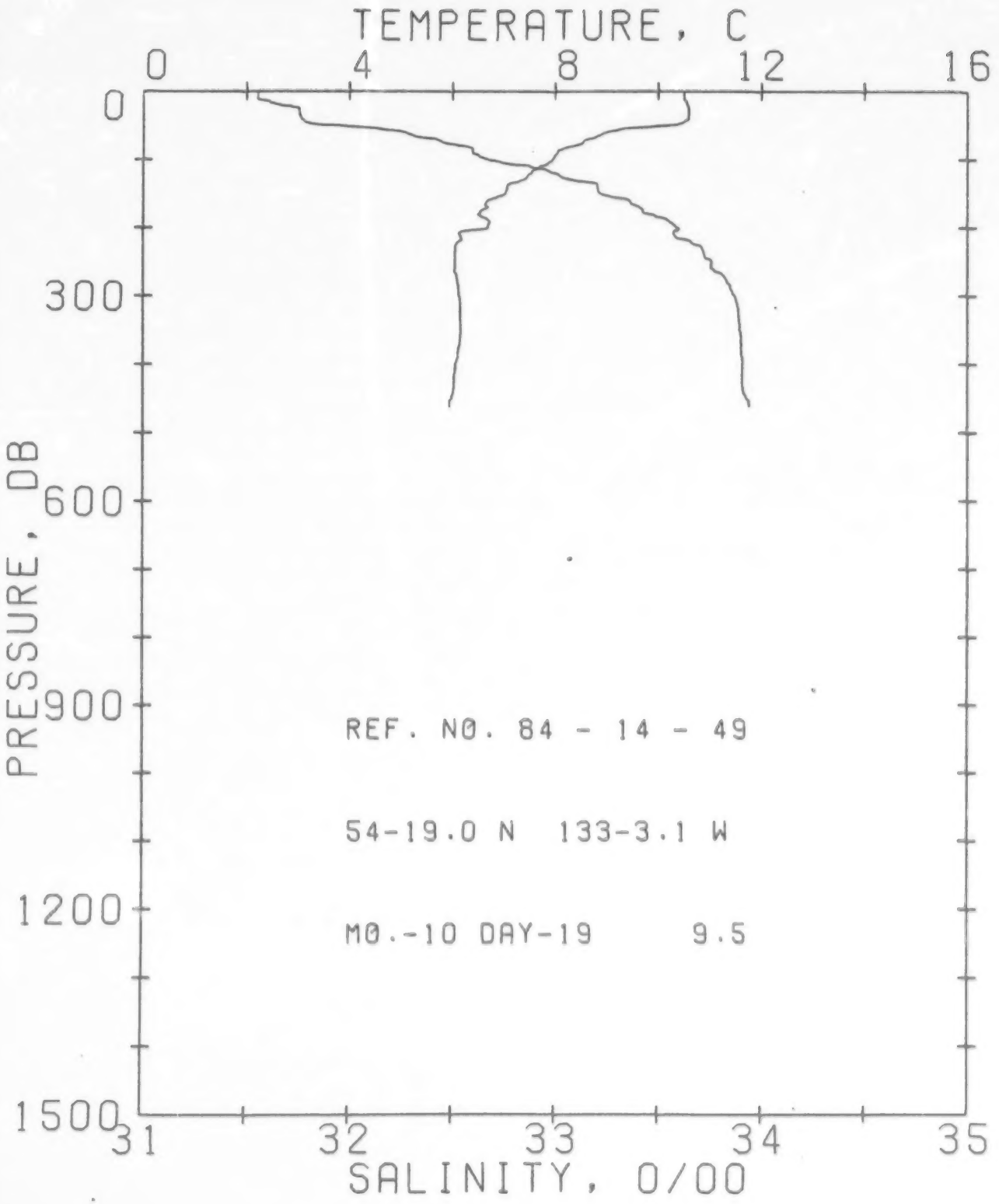
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 47 DATE 19/10/84
POSITION 54-10.0N, 133-19.0W GMT 7.7 STATION Q 30
RESULTS OF STP CAST 216 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.95 | 31.78 | 0 | 24.31 | 362.7 | .00 | .00 | 1490. |
| 10 | 10.95 | 31.78 | 10 | 24.31 | 363.1 | .36 | .02 | 1490. |
| 20 | 10.98 | 31.79 | 20 | 24.31 | 363.2 | .73 | .07 | 1490. |
| 30 | 10.98 | 31.79 | 30 | 24.31 | 363.1 | 1.09 | .17 | 1490. |
| 50 | 8.77 | 32.28 | 50 | 25.05 | 292.9 | 1.76 | .44 | 1483. |
| 75 | 8.30 | 32.46 | 75 | 25.26 | 272.6 | 2.47 | .89 | 1482. |
| 100 | 7.94 | 32.78 | 99 | 25.57 | 244.4 | 3.11 | 1.46 | 1481. |
| 125 | 7.39 | 33.22 | 124 | 25.99 | 204.7 | 3.68 | 2.11 | 1480. |
| 150 | 7.06 | 33.49 | 149 | 26.24 | 180.6 | 4.16 | 2.78 | 1480. |
| 175 | 6.93 | 33.56 | 174 | 26.32 | 173.9 | 4.60 | 3.51 | 1480. |
| 200 | 6.72 | 33.69 | 199 | 26.45 | 161.7 | 5.02 | 4.30 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 48
54-14.6 N 133-11.8 W
MO.-10 DAY-19 8.5
31
32
33
34
35
SALINITY, O/OO

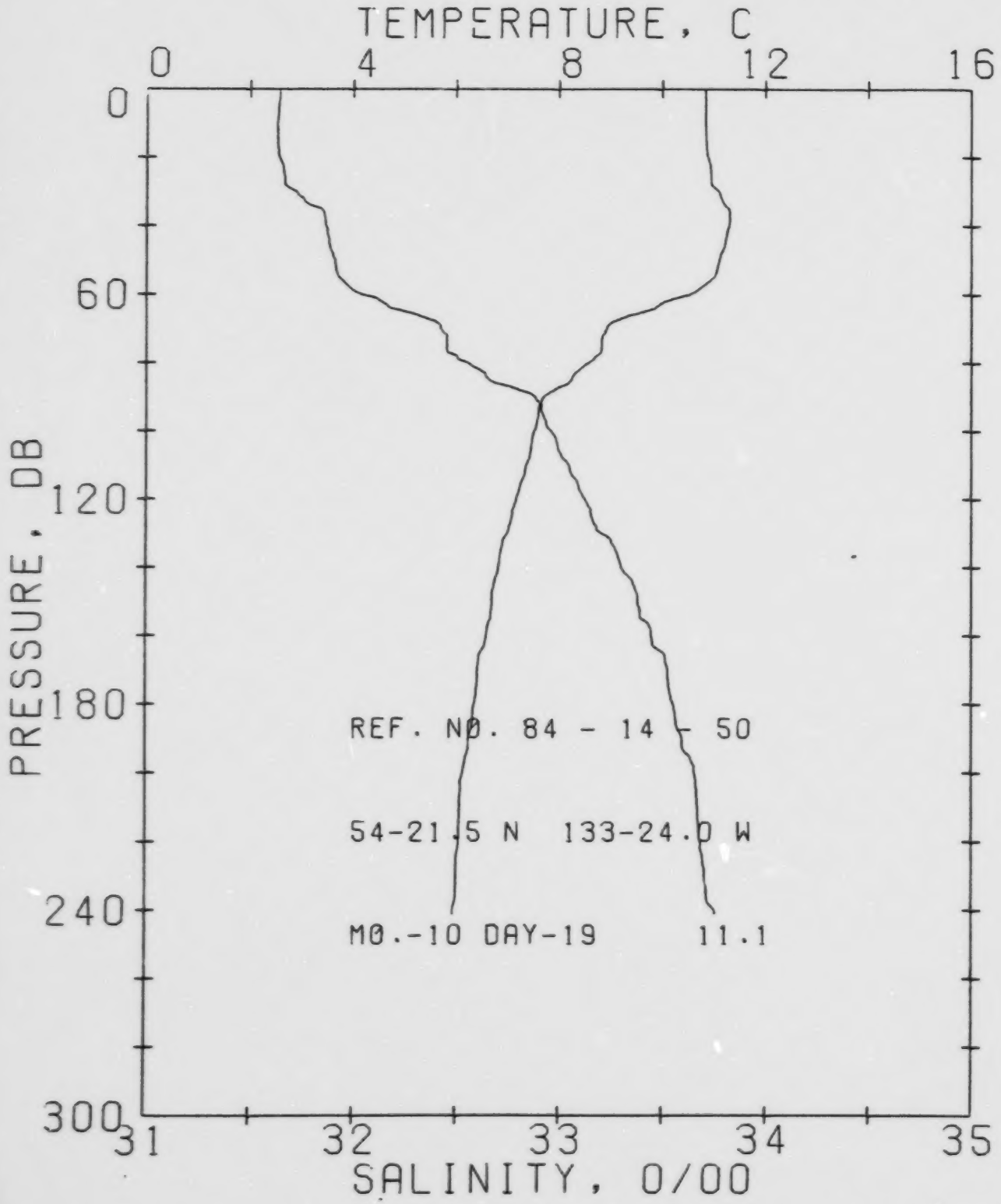
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 48 DATE 19/10/84
POSITION 54-14.6N, 133-11.8W GMT 8.5 STATION Q 29
RESULTS OF STP CAST 201 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.82 | 31.63 | 0 | 24.21 | 371.7 | .00 | .00 | 1489. |
| 10 | 10.81 | 31.67 | 10 | 24.25 | 368.6 | .37 | .02 | 1489. |
| 20 | 10.86 | 31.73 | 20 | 24.28 | 365.8 | .74 | .08 | 1490. |
| 30 | 11.04 | 31.80 | 30 | 24.30 | 363.8 | 1.10 | .17 | 1491. |
| 50 | 9.68 | 32.16 | 50 | 24.81 | 315.4 | 1.80 | .45 | 1486. |
| 75 | 8.14 | 32.55 | 75 | 25.36 | 263.9 | 2.52 | .91 | 1482. |
| 100 | 7.86 | 32.79 | 99 | 25.59 | 242.3 | 3.16 | 1.47 | 1481. |
| 125 | 7.30 | 33.19 | 124 | 25.98 | 205.6 | 3.72 | 2.11 | 1480. |
| 150 | 6.94 | 33.54 | 149 | 26.30 | 174.8 | 4.19 | 2.77 | 1479. |
| 175 | 6.88 | 33.61 | 174 | 26.37 | 169.3 | 4.62 | 3.48 | 1480. |
| 200 | 6.56 | 33.79 | 199 | 26.55 | 152.4 | 5.03 | 4.27 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 49
54-19.0 N 133-3.1 W
MO.-10 DAY-19 9.5
31
32
33
34
35
SALINITY, O/OO

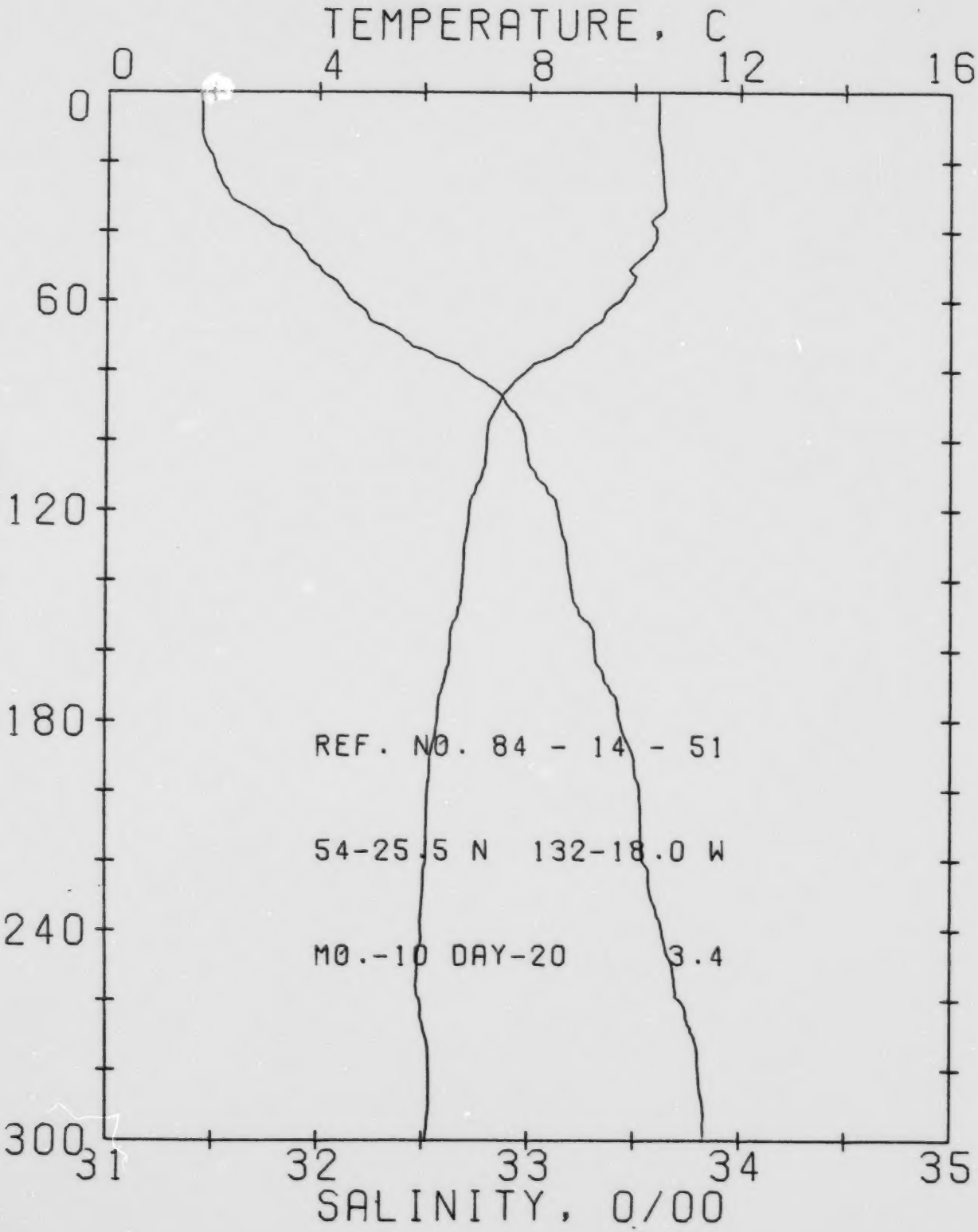
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 49 DATE 19/10/84
POSITION 54-19.0N, 133- 3.1W GMT 9.5 STATION Q 28
RESULTS OF STP CAST 463 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.50 | 31.56 | 0 | 24.21 | 371.9 | .00 | .00 | 1488. |
| 10 | 10.50 | 31.55 | 10 | 24.21 | 372.4 | .37 | .02 | 1488. |
| 20 | 10.57 | 31.67 | 20 | 24.28 | 365.2 | .74 | .08 | 1489. |
| 30 | 10.60 | 31.76 | 30 | 24.35 | 359.1 | 1.10 | .17 | 1489. |
| 50 | 10.02 | 31.95 | 50 | 24.59 | 336.2 | 1.81 | .46 | 1487. |
| 75 | 8.55 | 32.46 | 75 | 25.22 | 276.8 | 2.56 | .93 | 1483. |
| 100 | 7.96 | 32.68 | 99 | 25.48 | 252.2 | 3.21 | 1.51 | 1481. |
| 125 | 7.47 | 33.03 | 124 | 25.83 | 219.9 | 3.79 | 2.17 | 1480. |
| 150 | 7.04 | 33.22 | 149 | 26.03 | 200.4 | 4.31 | 2.89 | 1479. |
| 175 | 6.55 | 33.43 | 174 | 26.27 | 178.7 | 4.77 | 3.67 | 1478. |
| 200 | 6.70 | 33.59 | 199 | 26.37 | 168.8 | 5.21 | 4.49 | 1479. |
| 225 | 6.07 | 33.68 | 223 | 26.53 | 154.5 | 5.61 | 5.37 | 1477. |
| 250 | 6.05 | 33.76 | 248 | 26.59 | 148.7 | 5.99 | 6.28 | 1478. |
| 300 | 6.14 | 33.87 | 298 | 26.67 | 142.1 | 6.71 | 8.32 | 1479. |
| 400 | 6.06 | 33.91 | 397 | 26.70 | 139.9 | 8.13 | 13.35 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 50
54-21.5 N 133-24.0 W
MO.-10 DAY-19
11.1
31
32
33
34
35
SALINITY, O/OO

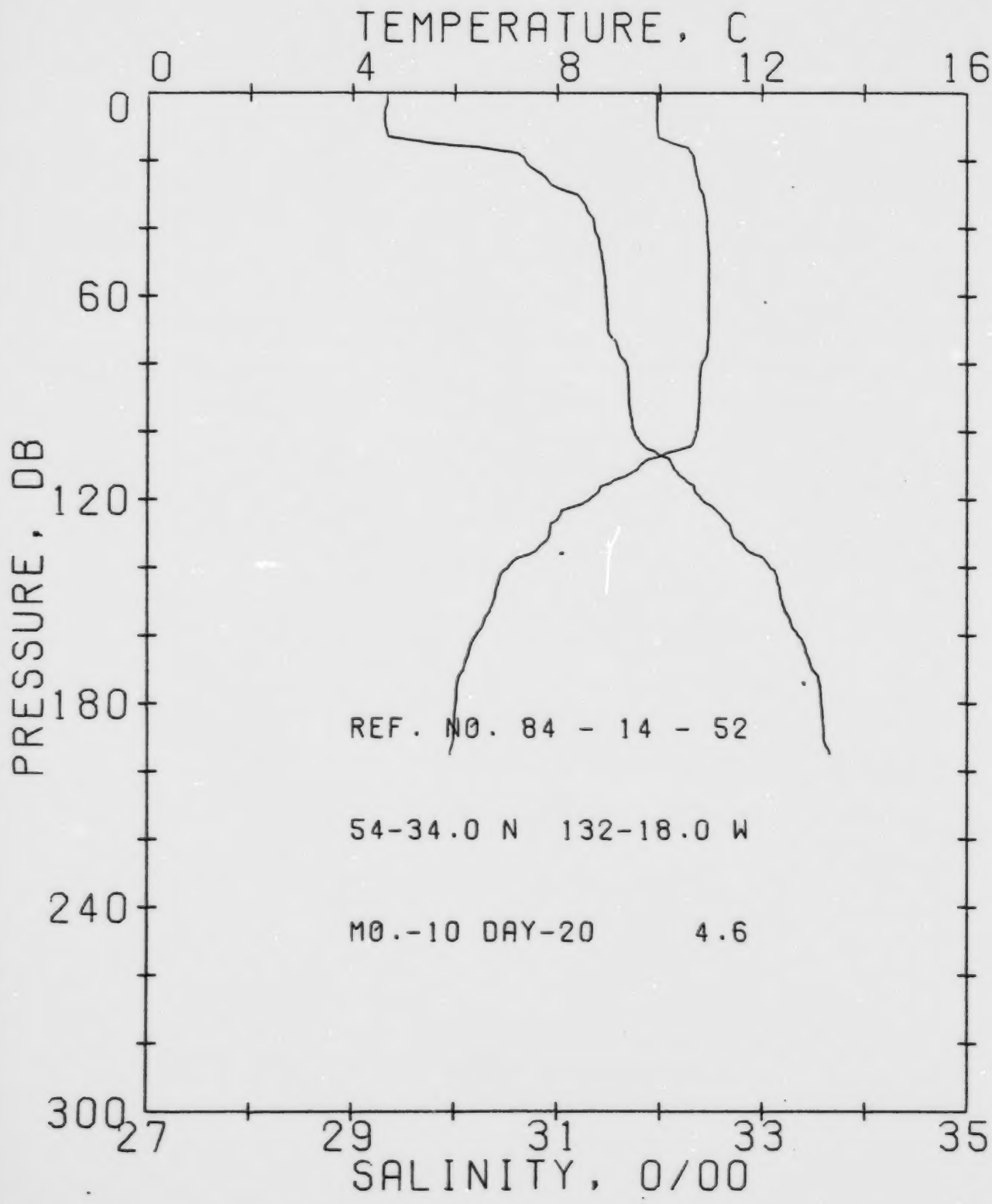
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 50 DATE 19/10/84
POSITION 54-21.5N, 133-24.0W GMT 11.1 STATION Q 64
RESULTS OF STP CAST 242 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.83 | 31.64 | 0 | 24.22 | 371.1 | .00 | .00 | 1489. |
| 10 | 10.83 | 31.63 | 10 | 24.21 | 372.3 | .37 | .02 | 1489. |
| 20 | 10.88 | 31.64 | 20 | 24.21 | 372.3 | .74 | .08 | 1490. |
| 30 | 11.10 | 31.73 | 30 | 24.24 | 370.0 | 1.12 | .17 | 1491. |
| 50 | 11.11 | 31.91 | 50 | 24.38 | 356.7 | 1.84 | .47 | 1491. |
| 75 | 8.84 | 32.46 | 75 | 25.18 | 281.0 | 2.64 | .97 | 1484. |
| 100 | 7.52 | 32.96 | 99 | 25.77 | 225.1 | 3.26 | 1.52 | 1480. |
| 125 | 7.09 | 33.16 | 124 | 25.98 | 205.3 | 3.80 | 2.14 | 1479. |
| 150 | 6.71 | 33.38 | 149 | 26.21 | 183.7 | 4.28 | 2.81 | 1478. |
| 175 | 6.41 | 33.53 | 174 | 26.37 | 169.2 | 4.72 | 3.54 | 1478. |
| 200 | 6.14 | 33.66 | 199 | 26.50 | 156.9 | 5.13 | 4.32 | 1477. |
| 225 | 6.01 | 33.70 | 223 | 26.55 | 152.5 | 5.52 | 5.15 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
REF. NO. 84 - 14 - 51
54-25.5 N 132-18.0 W
MO.-10 DAY-20 3.4
31
32
33
34
35
SALINITY, O/OO

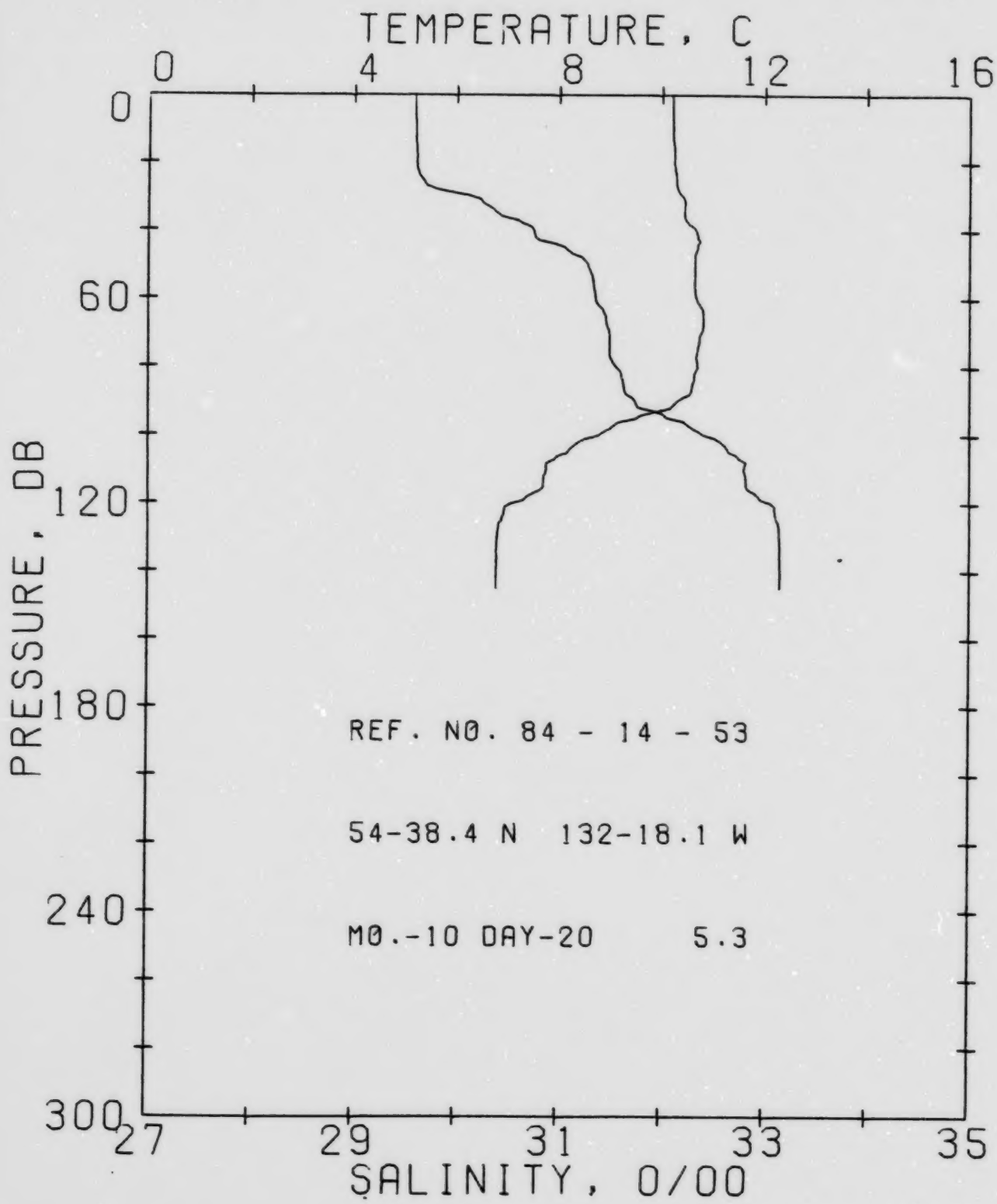
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 51 DATE 20/10/84
POSITION 54-25.5N, 132-18.0W GMT 3.4 STATION Q 44
RESULTS OF STP CAST 334 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.45 | 31.44 | 0 | 24.13 | 379.8 | .00 | .00 | 1487. |
| 10 | 10.44 | 31.44 | 10 | 24.13 | 379.7 | .38 | .02 | 1488. |
| 20 | 10.51 | 31.50 | 20 | 24.16 | 376.9 | .76 | .08 | 1488. |
| 30 | 10.56 | 31.57 | | 24.21 | 372.2 | 1.13 | .17 | 1489. |
| 50 | 9.94 | 32.00 | 50 | 24.64 | 331.4 | 1.84 | .46 | 1487. |
| 75 | 8.52 | 32.53 | 75 | 25.29 | 270.7 | 2.61 | .94 | 1483. |
| 100 | 7.19 | 32.98 | 99 | 25.83 | 219.3 | 3.19 | 1.47 | 1479. |
| 125 | 6.83 | 33.15 | 124 | 26.01 | 202.5 | 3.72 | 2.07 | 1478. |
| 150 | 6.64 | 33.24 | 149 | 26.10 | 193.7 | 4.22 | 2.77 | 1478. |
| 175 | 6.28 | 33.42 | 174 | 26.29 | 176.2 | 4.68 | 3.53 | 1477. |
| 200 | 6.07 | 33.52 | 199 | 26.40 | 165.9 | 5.11 | 4.34 | 1477. |
| 225 | 6.01 | 33.57 | 223 | 26.44 | 162.2 | 5.52 | 5.24 | 1477. |
| 250 | 5.91 | 33.68 | 248 | 26.54 | 153.0 | 5.92 | 6.20 | 1477. |
| 300 | 6.05 | 33.83 | 298 | 26.64 | 144.4 | 6.65 | 8.26 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 52
54-34.0 N 132-18.0 W
MO.-10 DAY-20 4.6
27
29
31
33
35
SALINITY, O/OO

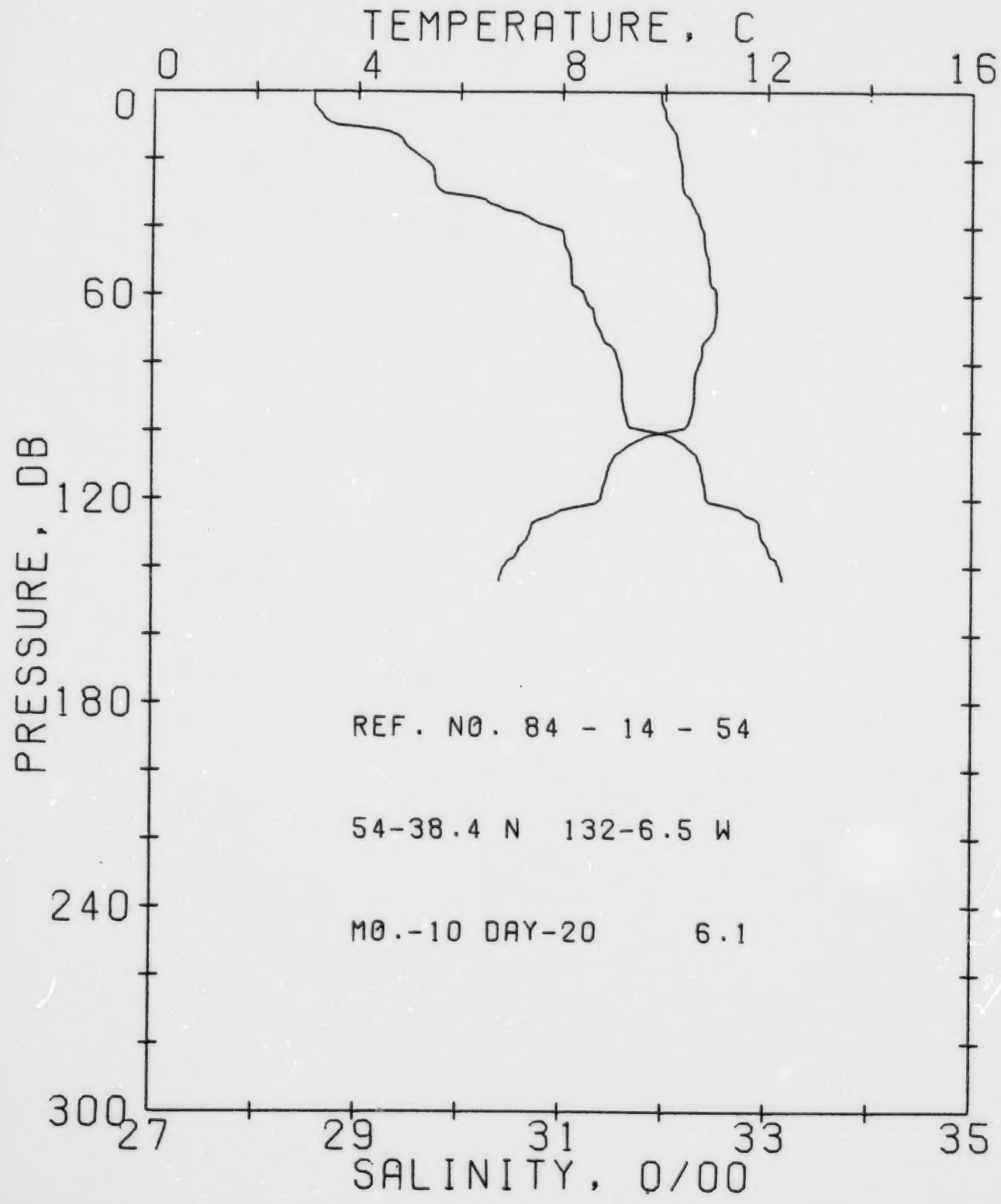
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 52 DATE 20/10/84
POSITION 54-34.0N, 132-18.0W GMT 4.6 STATION Q 45
RESULTS OF STP CAST 196 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.95 | 29.34 | 0 | 22.58 | 527.8 | .00 | .00 | 1483. |
| 10 | 9.94 | 29.32 | 10 | 22.56 | 529.3 | .53 | .03 | 1483. |
| 20 | 10.67 | 30.69 | 20 | 23.51 | 439.1 | 1.02 | .10 | 1488. |
| 30 | 10.84 | 31.20 | 30 | 23.87 | 404.5 | 1.44 | .21 | 1489. |
| 50 | 10.95 | 31.45 | 50 | 24.05 | 388.5 | 2.23 | .53 | 1490. |
| 75 | 10.94 | 31.59 | 75 | 24.16 | 378.0 | 3.20 | 1.14 | 1491. |
| 100 | 10.71 | 31.76 | 100 | 24.33 | 362.5 | 4.12 | 1.96 | 1490. |
| 125 | 8.05 | 32.61 | 124 | 25.42 | 259.0 | 4.89 | 2.85 | 1482. |
| 150 | 6.76 | 33.20 | 149 | 26.06 | 198.3 | 5.45 | 3.63 | 1478. |
| 175 | 6.04 | 33.57 | 174 | 26.44 | 162.1 | 5.90 | 4.37 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 53
54-38.4 N 132-18.1 W
MO.-10 DAY-20 5.3
27
29
31
33
35
SALINITY, O/OO

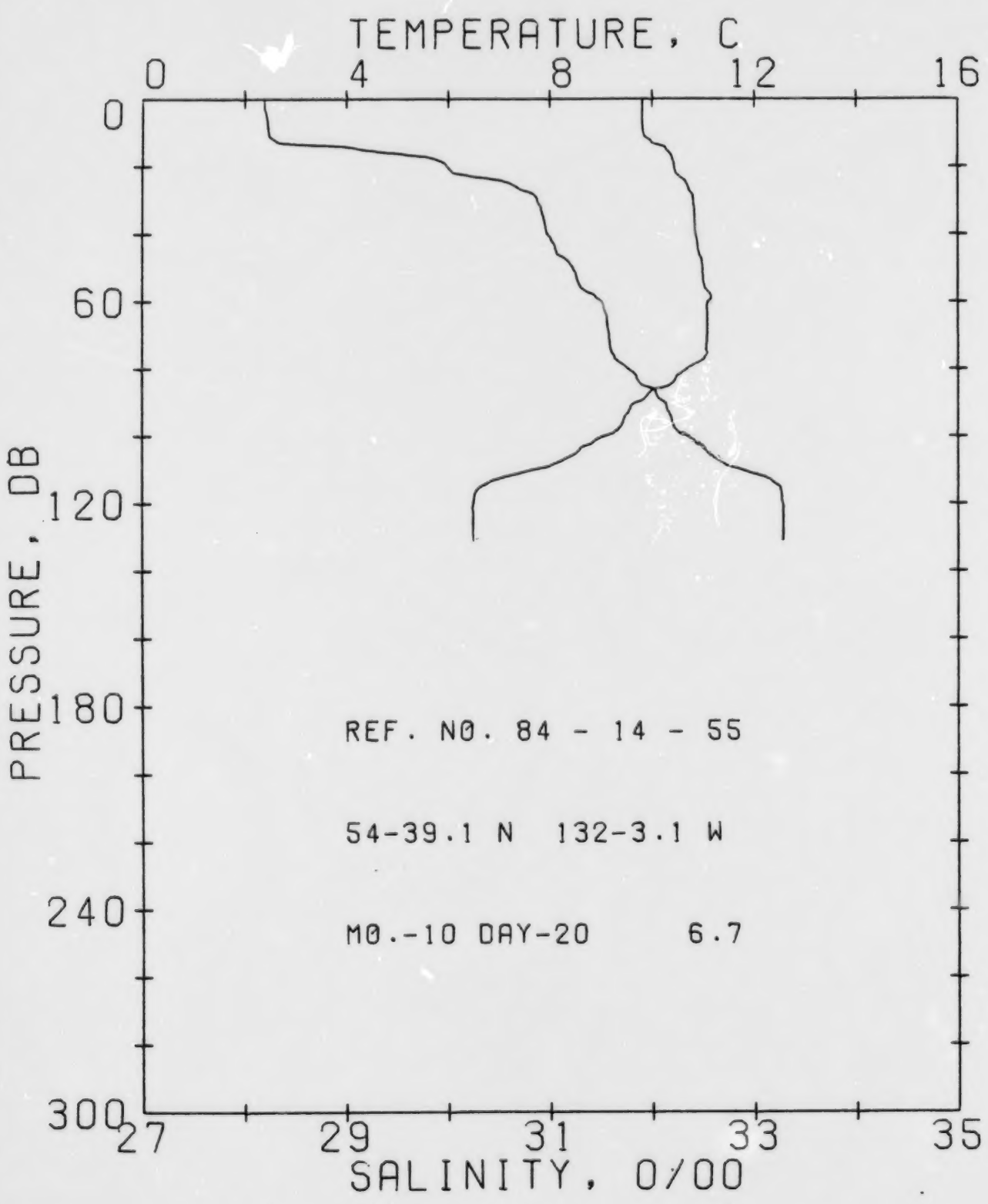
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 53 DATE 20/10/84
POSITION 54-38.4N, 132-18.1W GMT 5.3 STATION Q 54
RESULTS OF STP CAST 146 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.20 | 29.59 | 0 | 22.74 | 512.7 | .00 | .00 | 1484. |
| 10 | 10.21 | 29.60 | 10 | 22.74 | 512.4 | .51 | .03 | 1484. |
| 20 | 10.23 | 29.61 | 20 | 22.74 | 512.1 | 1.02 | .10 | 1485. |
| 30 | 10.41 | 30.15 | 30 | 23.13 | 475.4 | 1.53 | .23 | 1486. |
| 50 | 10.65 | 31.29 | 50 | 23.98 | 395.0 | 2.40 | .58 | 1489. |
| 75 | 10.70 | 31.50 | 75 | 24.13 | 381.1 | 3.37 | 1.20 | 1490. |
| 100 | 8.80 | 32.41 | 100 | 25.15 | 283.9 | 4.25 | 1.98 | 1484. |
| 125 | 6.90 | 33.13 | 124 | 25.98 | 205.0 | 4.84 | 2.65 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 54
54-38.4 N 132-6.5 W
MO.-10 DAY-20 6.1
27
29
31
33
35
SALINITY, O/OO

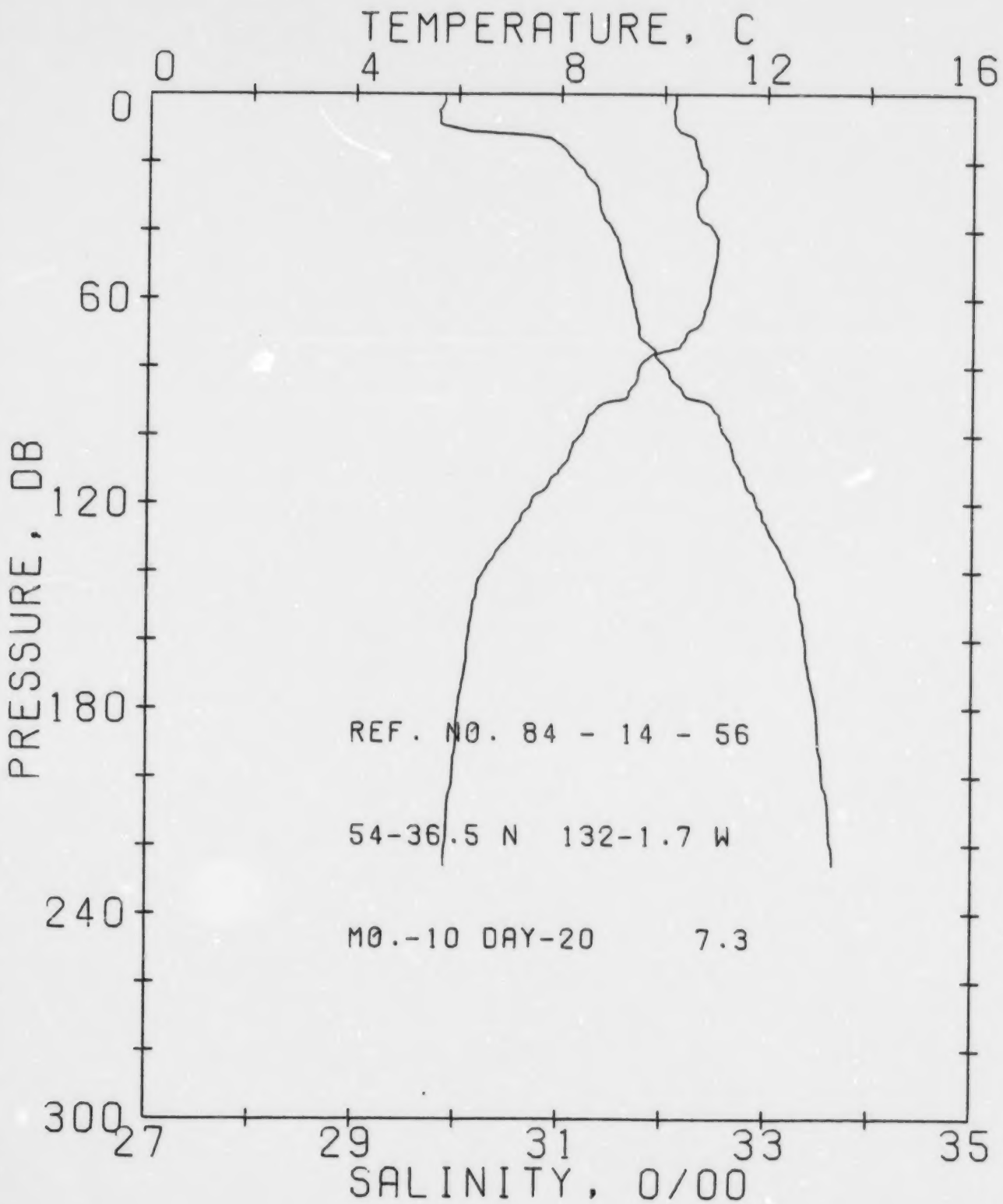
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 54 DATE 20/10/84
POSITION 54-38.4N, 132- 6.5W GMT 6.1 STATION Q 55
RESULTS OF STP CAST 145 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.92 | 28.56 | 0 | 21.98 | 584.8 | .00 | .00 | 1482. |
| 10 | 10.10 | 28.79 | 10 | 22.13 | 570.6 | .58 | .03 | 1483. |
| 20 | 10.29 | 29.65 | 20 | 22.76 | 510.6 | 1.11 | .11 | 1485. |
| 30 | 10.37 | 29.85 | 30 | 22.91 | 496.8 | 1.61 | .24 | 1486. |
| 50 | 10.84 | 31.09 | 50 | 23.79 | 413.1 | 2.48 | .59 | 1489. |
| 75 | 10.72 | 31.48 | 75 | 24.12 | 382.3 | 3.49 | 1.23 | 1490. |
| 100 | 10.06 | 31.86 | 100 | 24.51 | 344.7 | 4.42 | 2.06 | 1488. |
| 125 | 7.77 | 32.81 | 124 | 25.61 | 240.1 | 5.15 | 2.89 | 1481. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 55
54-39.1 N 132-3.1 W
MO.-10 DAY-20 6.7
27
29
31
33
35
SALINITY, O/OO

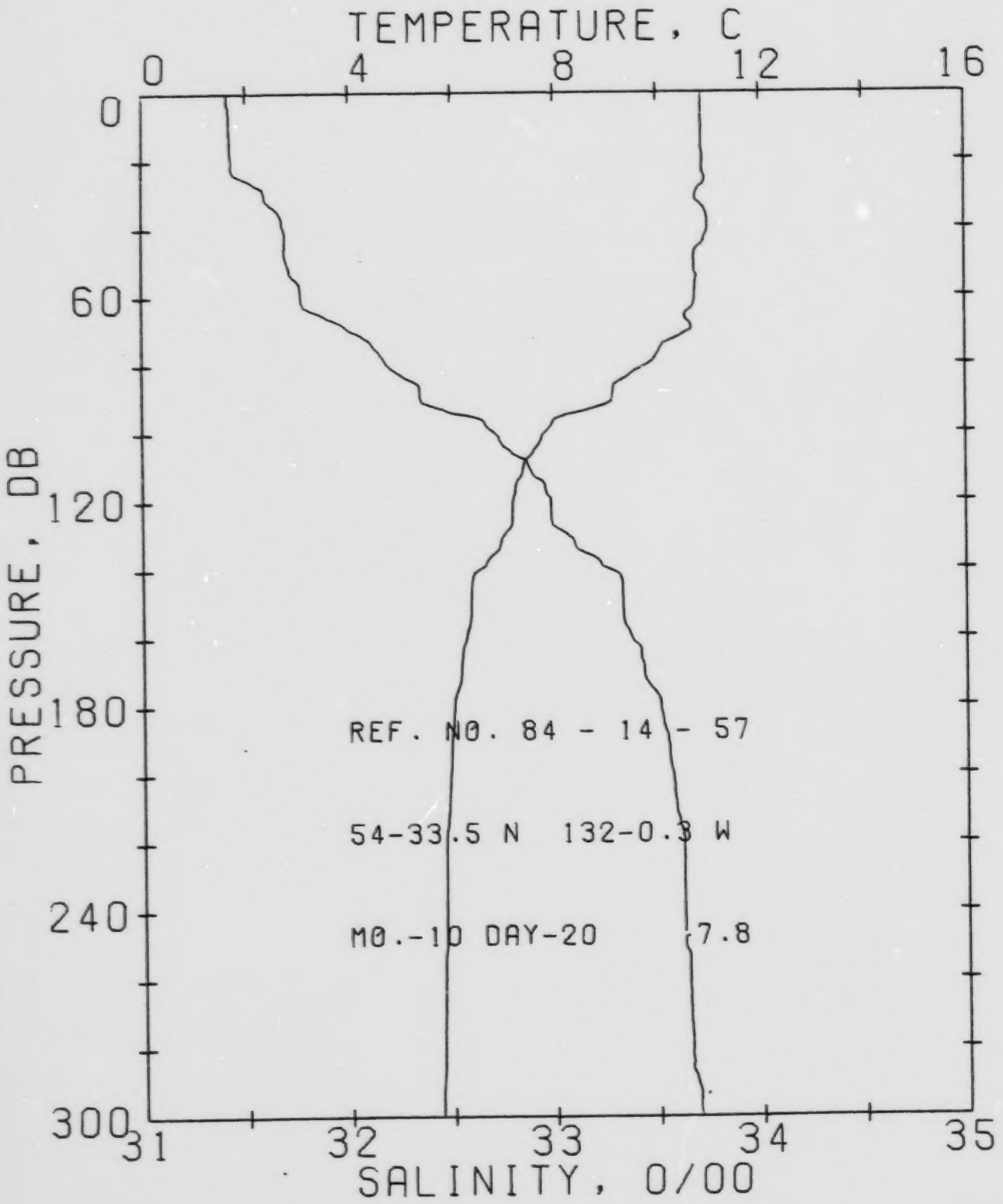
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 55 DATE 20/10/84
POSITION 54-39.1N, 132- 3.1W GMT 6.7 STATION Q104
RESULTS OF STP CAST 132 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.82 | 28.20 | 0 | 21.71 | 610.7 | .00 | .00 | 1481. |
| 10 | 9.83 | 28.24 | 10 | 21.74 | 607.7 | .61 | .03 | 1481. |
| 20 | 10.43 | 30.00 | 20 | 23.01 | 486.6 | 1.16 | .11 | 1486. |
| 30 | 10.80 | 30.88 | 30 | 23.63 | 427.4 | 1.61 | .23 | 1489. |
| 50 | 10.98 | 31.23 | 50 | 23.87 | 404.9 | 2.45 | .57 | 1490. |
| 75 | 11.09 | 31.61 | 75 | 24.15 | 379.5 | 3.42 | 1.19 | 1491. |
| 100 | 9.02 | 32.36 | 100 | 25.07 | 291.6 | 4.25 | 1.93 | 1485. |
| 125 | 6.47 | 33.28 | 124 | 26.16 | 188.2 | 4.82 | 2.56 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 56
54-36.5 N 132-1.7 W
MO.-10 DAY-20 7.3
27
29
31
33
35
SALINITY, O/OO

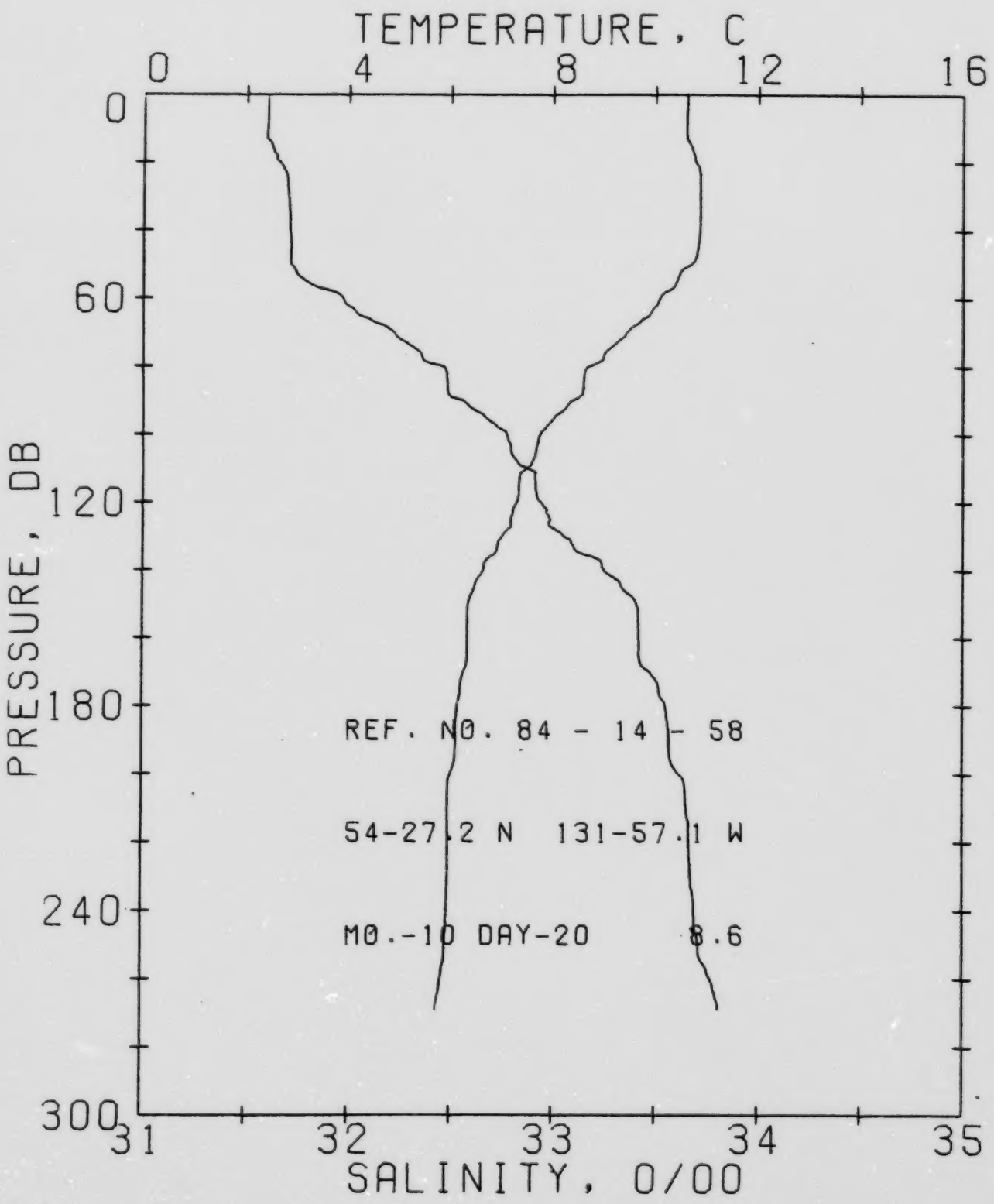
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 56 DATE 20/10/84
POSITION 54-36.5N, 132- 1.7W GMT 7.3 STATION Q105
RESULTS OF STP CAST 227 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.22 | 29.87 | 0 | 22.95 | 492.6 | .00 | .00 | 1485. |
| 10 | 10.24 | 29.97 | 10 | 23.02 | 485.6 | .49 | .03 | 1485. |
| 20 | 10.68 | 31.14 | 20 | 23.85 | 406.2 | .92 | .09 | 1488. |
| 30 | 10.65 | 31.37 | 30 | 24.04 | 388.7 | 1.32 | .19 | 1489. |
| 50 | 10.99 | 31.60 | 50 | 24.16 | 377.6 | 2.08 | .50 | 1490. |
| 75 | 10.03 | 31.92 | 75 | 24.57 | 338.7 | 3.00 | 1.08 | 1488. |
| 100 | 8.39 | 32.60 | 99 | 25.36 | 264.0 | 3.75 | 1.75 | 1483. |
| 125 | 7.24 | 32.97 | 124 | 25.81 | 221.2 | 4.35 | 2.44 | 1479. |
| 150 | 6.32 | 33.33 | 149 | 26.22 | 182.7 | 4.85 | 3.13 | 1477. |
| 175 | 6.10 | 33.46 | 174 | 26.35 | 171.0 | 5.29 | 3.87 | 1476. |
| 200 | 5.94 | 33.56 | 199 | 26.45 | 161.7 | 5.71 | 4.66 | 1476. |
| 225 | 5.78 | 33.66 | 223 | 26.54 | 152.5 | 6.10 | 5.50 | 1476. |


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 14 - 57
54-33.5 N 132-0.3 W
MO.-10 DAY-20
7.8
31
32
33
34
35
SALINITY, O/OO

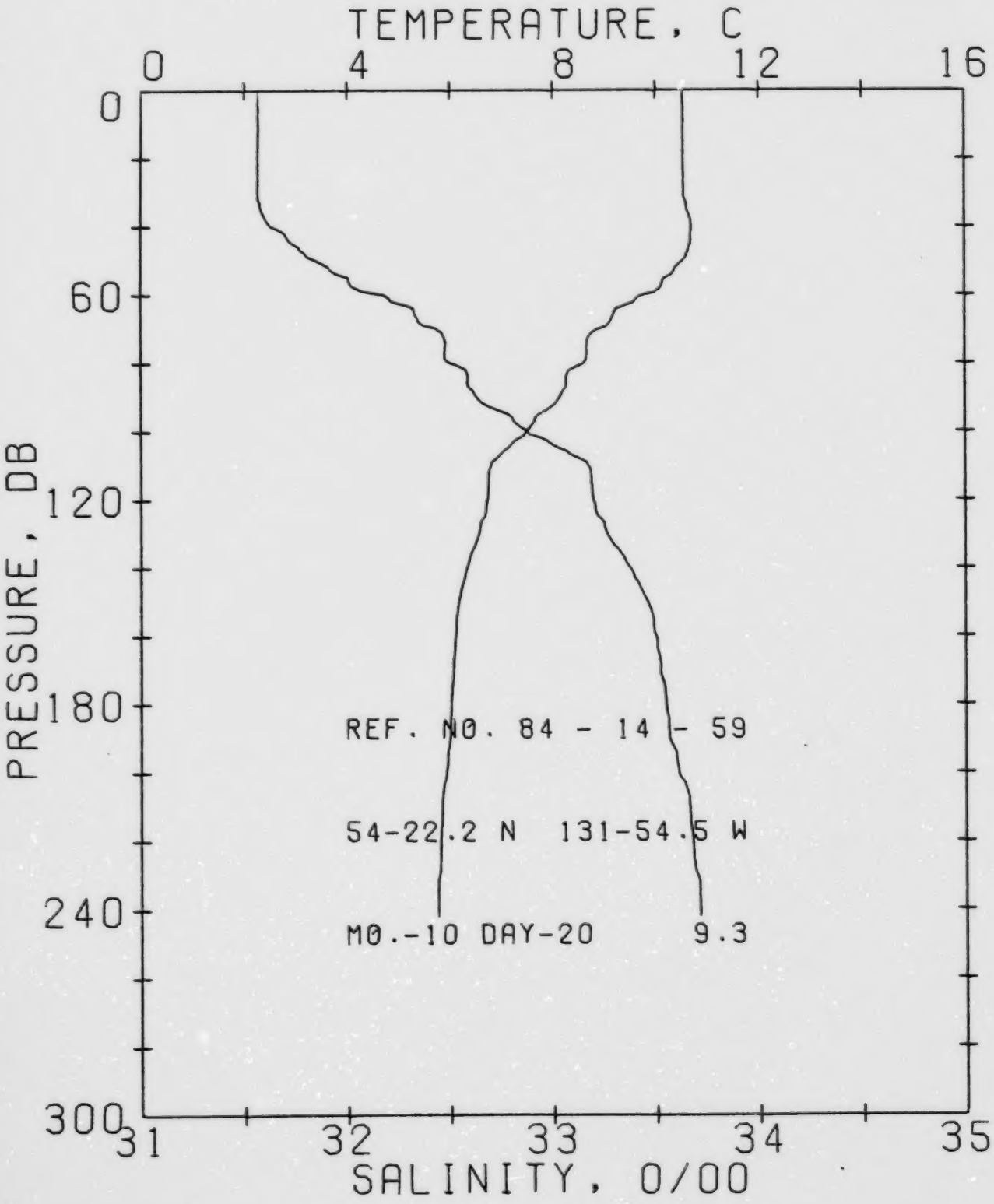
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 57 DATE 20/10/84
POSITION 54-33.5N, 132- .3W GMT 7.8 STATION Q106
RESULTS OF STP CAST 325 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.88 | 31.41 | 0 | 24.03 | 389.2 | .00 | .00 | 1489. |
| 10 | 10.89 | 31.42 | 10 | 24.04 | 388.6 | .39 | .02 | 1489. |
| 20 | 10.91 | 31.43 | 20 | 24.04 | 388.3 | .78 | .08 | 1489. |
| 30 | 10.76 | 31.59 | 30 | 24.19 | 374.2 | 1.16 | .18 | 1489. |
| 50 | 10.73 | 31.70 | 50 | 24.28 | 366.2 | 1.90 | .48 | 1490. |
| 75 | 10.07 | 32.12 | 75 | 24.72 | 324.8 | 2.78 | 1.04 | 1488. |
| 100 | 7.81 | 32.71 | 99 | 25.53 | 248.0 | 3.51 | 1.68 | 1481. |
| 125 | 7.17 | 32.98 | 124 | 25.83 | 219.4 | 4.09 | 2.34 | 1479. |
| 150 | 6.36 | 33.33 | 149 | 26.21 | 183.6 | 4.58 | 3.03 | 1477. |
| 175 | 6.09 | 33.47 | 174 | 26.35 | 170.1 | 5.03 | 3.77 | 1476. |
| 200 | 5.94 | 33.57 | 199 | 26.45 | 161.2 | 5.44 | 4.55 | 1476. |
| 225 | 5.85 | 33.62 | 223 | 26.50 | 156.5 | 5.84 | 5.41 | 1476. |
| 250 | 5.84 | 33.62 | 248 | 26.51 | 156.6 | 6.23 | 6.36 | 1477. |
| 300 | 5.76 | 33.70 | 298 | 26.58 | 150.4 | 7.00 | 8.51 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 58
54-27.2 N 131-57.1 W
MO.-10 DAY-20 8.6
31
32
33
34
35
SALINITY, O/OO

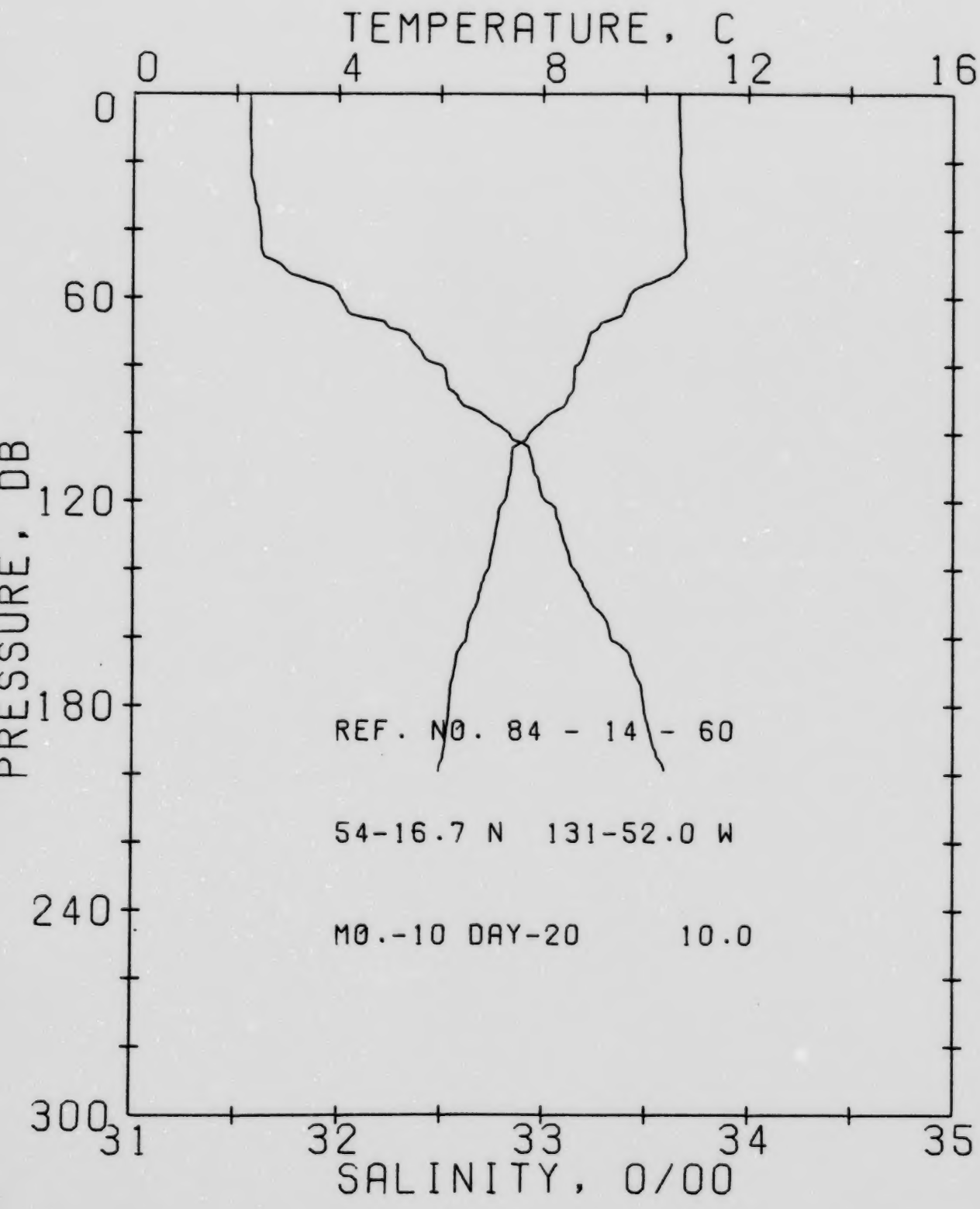
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 58 DATE 20/10/84
POSITION 54-27.2N, 131-57.1W GMT 8.6 STATION Q107
RESULTS OF STP CAST 270 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.62 | 31.60 | 0 | 24.23 | 370.4 | .00 | .00 | 1488. |
| 10 | 10.60 | 31.60 | 10 | 24.23 | 370.6 | .37 | .02 | 1488. |
| 20 | 10.78 | 31.66 | 20 | 24.24 | 369.1 | .74 | .08 | 1489. |
| 30 | 10.87 | 31.71 | 30 | 24.26 | 367.6 | 1.11 | .17 | 1490. |
| 50 | 10.70 | 31.72 | 50 | 24.30 | 364.3 | 1.84 | .47 | 1490. |
| 75 | 9.07 | 32.34 | 75 | 25.05 | 293.3 | 2.67 | .99 | 1485. |
| 100 | 7.75 | 32.78 | 99 | 25.59 | 242.0 | 3.34 | 1.59 | 1481. |
| 125 | 7.18 | 32.99 | 124 | 25.84 | 218.8 | 3.92 | 2.25 | 1479. |
| 150 | 6.35 | 33.41 | 149 | 26.28 | 177.4 | 4.41 | 2.94 | 1477. |
| 175 | 6.19 | 33.52 | 174 | 26.38 | 167.6 | 4.85 | 3.66 | 1477. |
| 200 | 6.01 | 33.62 | 199 | 26.48 | 158.3 | 5.26 | 4.44 | 1477. |
| 225 | 5.96 | 33.67 | 223 | 26.53 | 154.2 | 5.64 | 5.28 | 1477. |
| 250 | 5.90 | 33.71 | 248 | 26.57 | 150.5 | 6.03 | 6.20 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 59
54-22.2 N 131-54.5 W
MO.-10 DAY-20 9.3
31
32
33
34
35
SALINITY, O/OO

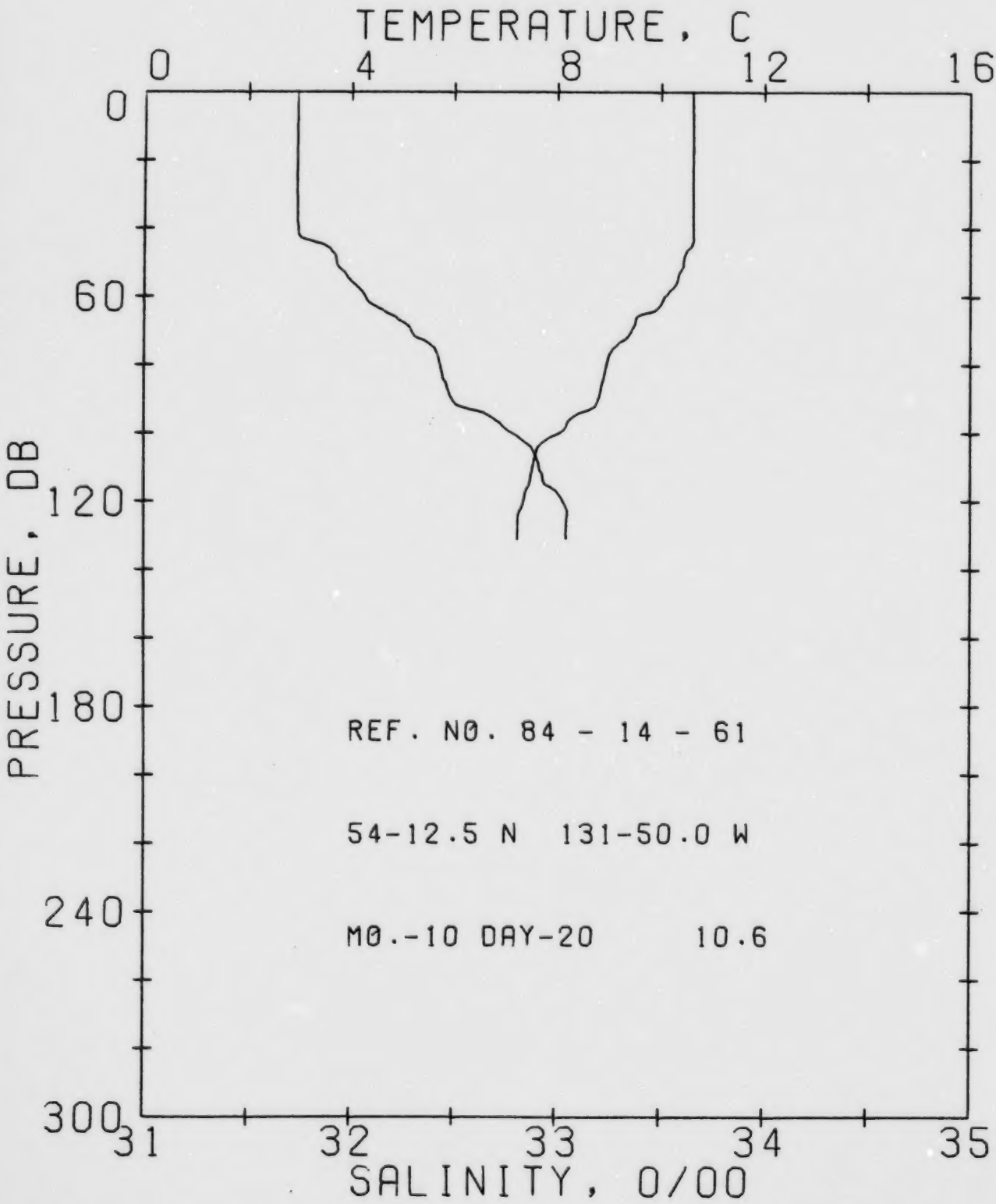
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 59 DATE 20/10/84
POSITION 54-22.2N, 131-54.5W GMT 9.3 STATION Q108
RESULTS OF STP CAST 243 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.53 | 31.57 | 0 | 24.21 | 371.7 | .00 | .00 | 1488. |
| 10 | 10.54 | 31.57 | 10 | 24.21 | 372.0 | .37 | .02 | 1488. |
| 20 | 10.54 | 31.57 | 20 | 24.21 | 372.4 | .74 | .08 | 1488. |
| 30 | 10.55 | 31.57 | 30 | 24.21 | 372.6 | 1.12 | .17 | 1488. |
| 50 | 10.53 | 31.85 | 50 | 24.43 | 351.6 | 1.85 | .47 | 1489. |
| 75 | 8.65 | 32.48 | 75 | 25.22 | 276.6 | 2.63 | .96 | 1483. |
| 100 | 7.49 | 32.88 | 99 | 25.71 | 231.0 | 3.27 | 1.53 | 1480. |
| 125 | 6.68 | 33.22 | 124 | 26.08 | 195.2 | 3.78 | 2.12 | 1477. |
| 150 | 6.17 | 33.46 | 149 | 26.34 | 171.4 | 4.24 | 2.75 | 1476. |
| 175 | 6.03 | 33.54 | 174 | 26.42 | 164.1 | 4.66 | 3.45 | 1476. |
| 200 | 5.93 | 33.61 | 199 | 26.48 | 158.0 | 5.06 | 4.22 | 1476. |
| 225 | 5.81 | 33.68 | 223 | 26.56 | 151.6 | 5.44 | 5.05 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 60
54-16.7 N 131-52.0 W
MO.-10 DAY-20 10.0
31
32
33
34
35
SALINITY, O/OO

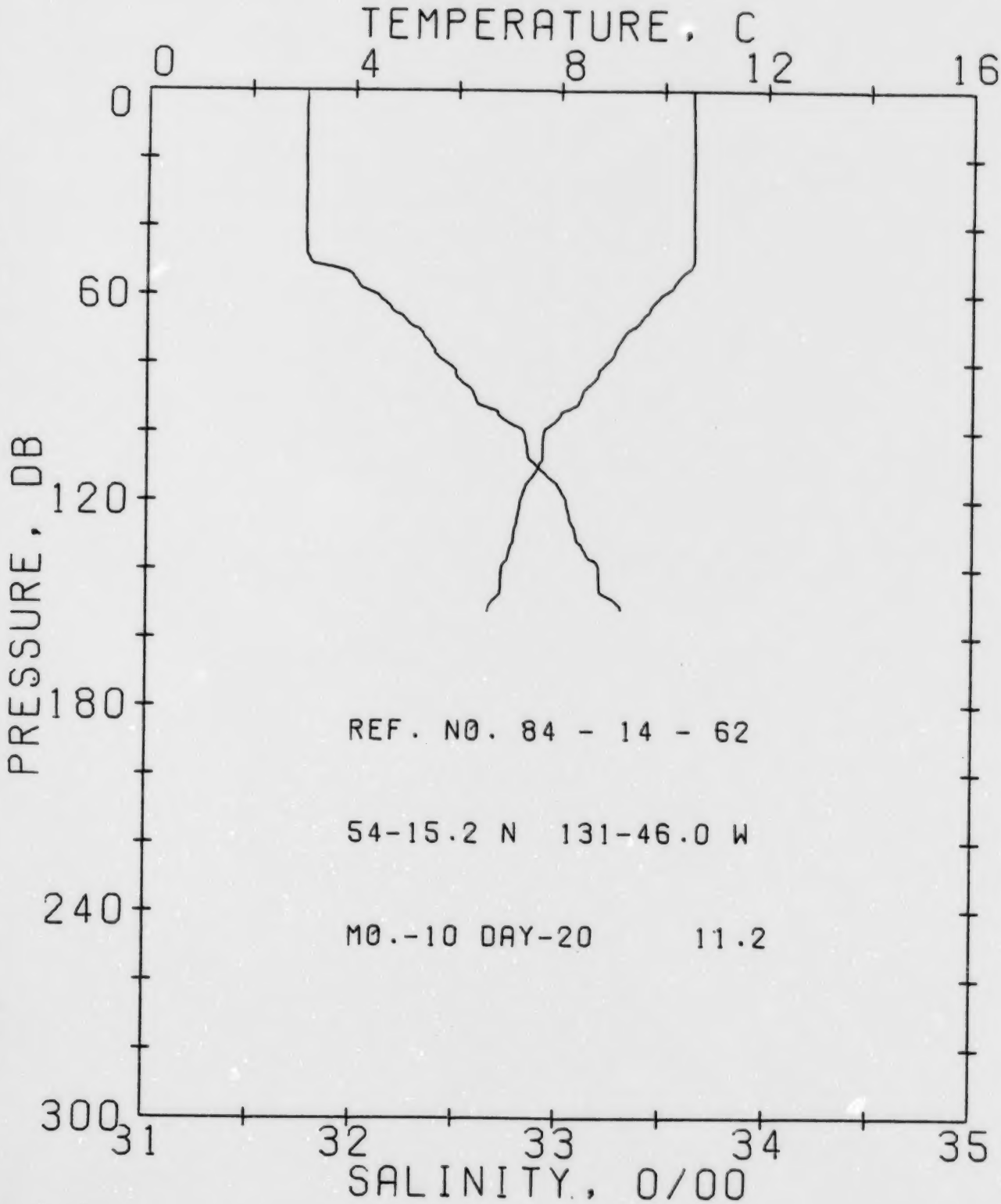
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 60 DATE 20/10/84
POSITION 54-16.7N, 131-52.0W GMT 10.0 STATION Q109
RESULTS OF STP CAST 200 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.65 | 31.57 | 0 | 24.19 | 373.6 | .00 | .00 | 1488. |
| 10 | 10.66 | 31.57 | 10 | 24.19 | 374.0 | .37 | .02 | 1489. |
| 20 | 10.67 | 31.57 | 20 | 24.19 | 373.9 | .75 | .08 | 1489. |
| 30 | 10.70 | 31.60 | 30 | 24.20 | 373.0 | 1.12 | .17 | 1489. |
| 50 | 10.67 | 31.72 | 50 | 24.31 | 363.8 | 1.86 | .47 | 1489. |
| 75 | 8.83 | 32.40 | 75 | 25.13 | 285.4 | 2.67 | .98 | 1484. |
| 100 | 7.74 | 32.84 | 99 | 25.64 | 237.3 | 3.33 | 1.57 | 1481. |
| 125 | 7.14 | 33.07 | 124 | 25.90 | 212.4 | 3.89 | 2.21 | 1479. |
| 150 | 6.72 | 33.24 | 149 | 26.09 | 194.6 | 4.40 | 2.92 | 1478. |
| 175 | 6.20 | 33.48 | 174 | 26.35 | 170.2 | 4.85 | 3.67 | 1477. |
| 200 | 5.96 | 33.60 | 199 | 26.47 | 159.0 | 5.26 | 4.45 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 61
54-12.5 N 131-50.0 W
MO.-10 DAY-20 10.6
31
32
33
34
35
SALINITY, O/OO

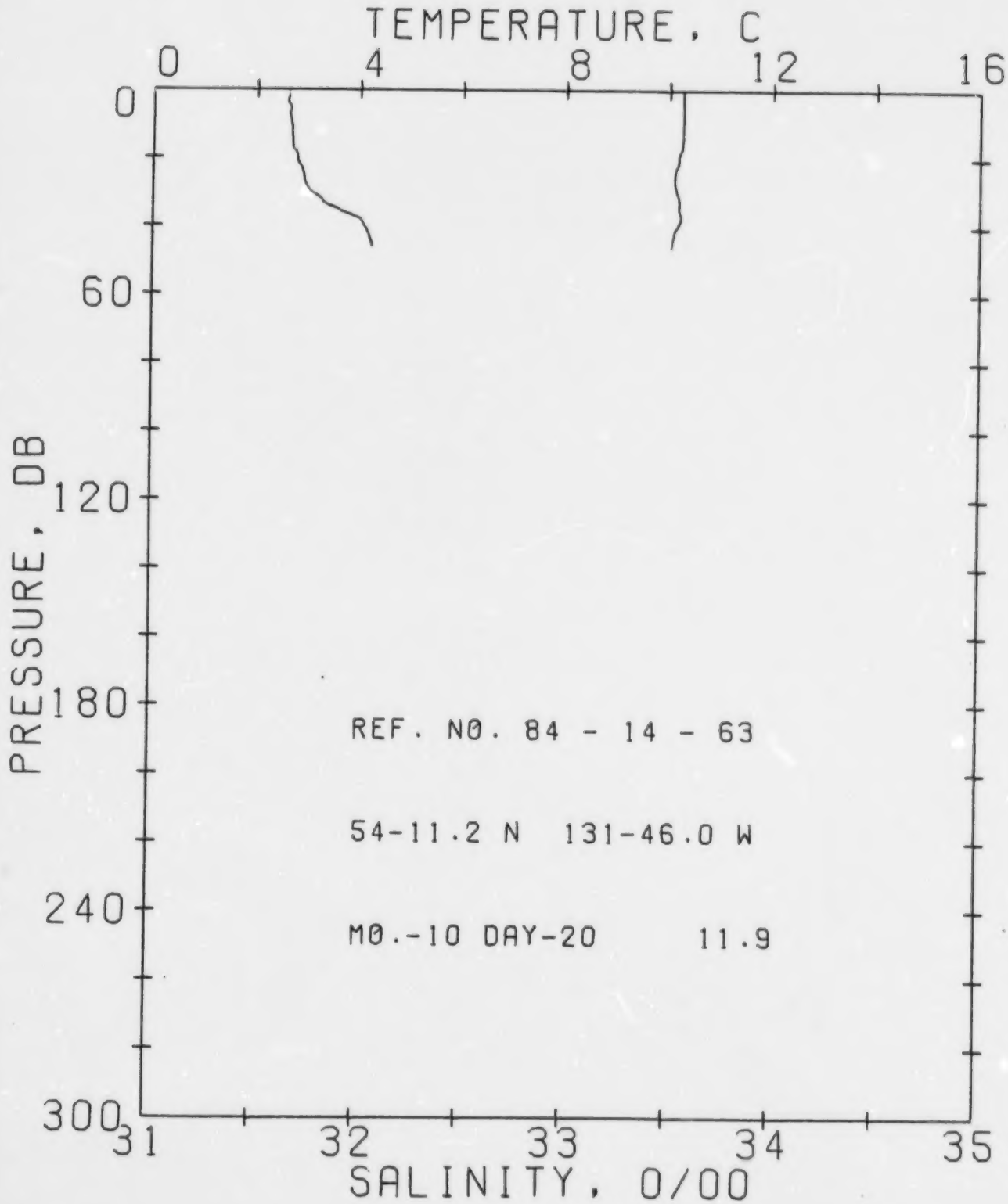
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 61 DATE 20/10/84
POSITION 54-12.5N, 131-50.0W GMT 10.6 STATION Q110
RESULTS OF STP CAST 132 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.61 | 31.74 | 0 | 24.33 | 360.5 | .00 | .00 | 1488. |
| 10 | 10.62 | 31.73 | 10 | 24.33 | 361.0 | .36 | .02 | 1489. |
| 20 | 10.62 | 31.74 | 20 | 24.33 | 361.0 | .72 | .07 | 1489. |
| 30 | 10.61 | 31.74 | 30 | 24.33 | 361.3 | 1.08 | .17 | 1489. |
| 50 | 10.44 | 31.93 | 50 | 24.51 | 344.3 | 1.80 | .46 | 1489. |
| 75 | 9.08 | 32.40 | 75 | 25.10 | 288.5 | 2.60 | .96 | 1485. |
| 100 | 8.04 | 32.78 | 99 | 25.55 | 245.7 | 3.28 | 1.57 | 1482. |
| 125 | 7.24 | 33.05 | 124 | 25.87 | 215.6 | 3.85 | 2.22 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 62
54-15.2 N 131-46.0 W
MO.-10 DAY-20 11.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 62 DATE 20/10/84
POSITION 54-15.2N, 131-46.0W GMT 11.2 STATION Q 62
RESULTS OF STP CAST 153 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

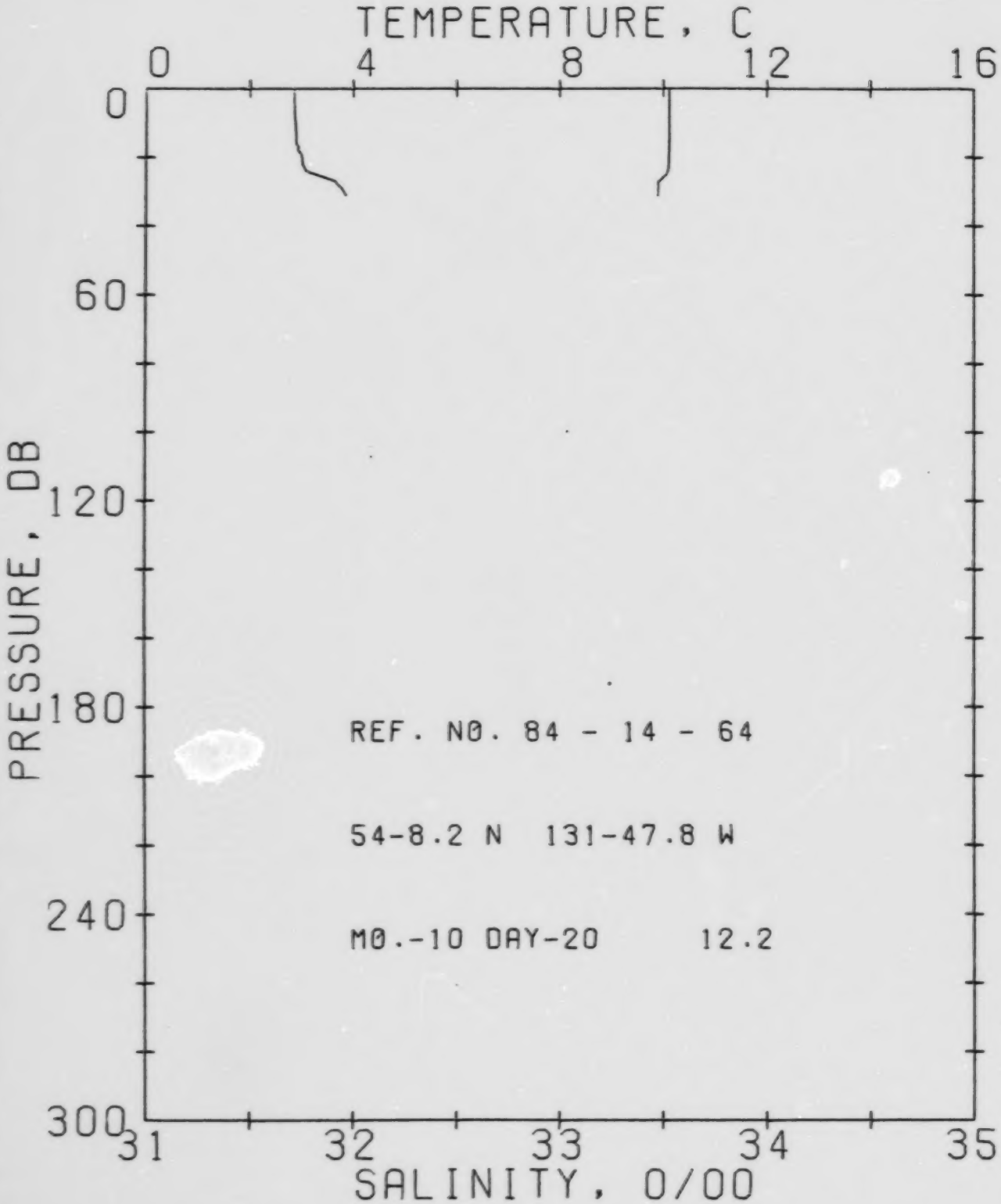
| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.55 | 31.77 | 0 | 24.36 | 357.2 | .00 | .00 | 1488. |
| 10 | 10.57 | 31.76 | 10 | 24.36 | 357.9 | .36 | .02 | 1488. |
| 20 | 10.58 | 31.76 | 20 | 24.36 | 358.3 | .72 | .07 | 1489. |
| 30 | 10.58 | 31.76 | 30 | 24.36 | 358.5 | 1.07 | .16 | 1489. |
| 50 | 10.60 | 31.79 | 50 | 24.37 | 357.4 | 1.79 | .46 | 1489. |
| 75 | 9.12 | 32.38 | 75 | 25.07 | 290.8 | 2.59 | .96 | 1485. |
| 100 | 7.70 | 32.83 | 99 | 25.64 | 237.5 | 3.26 | 1.55 | 1481. |
| 125 | 7.19 | 33.05 | 124 | 25.88 | 214.5 | 3.82 | 2.20 | 1479. |
| 150 | 6.67 | 33.28 | 149 | 26.13 | 191.0 | 4.34 | 2.92 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 63
54-11.2 N 131-46.0 W
MO.-10 DAY-20 11.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 63 DATE 20/10/84
POSITION 54-11.2N, 131-46.0W GMT 11.9 STATION Q113
RESULTS OF STP CAST 47 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.26 | 31.65 | 0 | 24.32 | 361.1 | .00 | .00 | 1487. |
| 10 | 10.26 | 31.67 | 10 | 24.33 | 360.2 | .36 | .02 | 1487. |
| 20 | 10.18 | 31.70 | 20 | 24.37 | 356.9 | .72 | .07 | 1487. |
| 30 | 10.13 | 31.76 | 30 | 24.43 | 351.3 | 1.07 | .16 | 1487. |

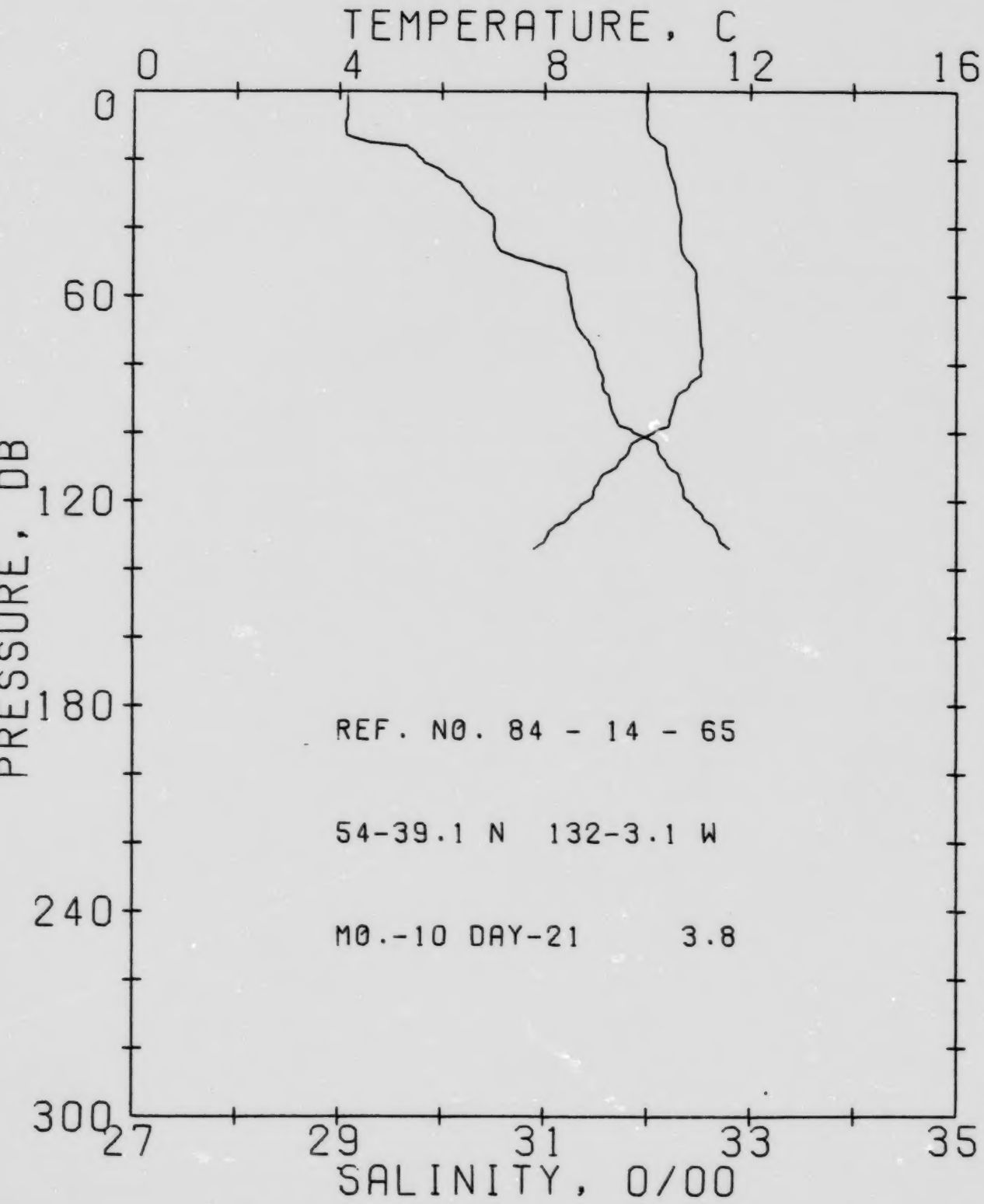
| PRES | DEPTH | TEMP | SAL | PRES | DEPTH | TEMP | SAL |
|---|---|---|---|---|---|---|---|
| 0. | | 10.26 | 31.65 | 24. | | 10.10 | 31.72 |
| 1. | | 10.26 | 31.65 | 25. | | 10.10 | 31.73 |
| 2. | | 10.26 | 31.65 | 26. | | 10.09 | 31.73 |
| 3. | | 10.26 | 31.65 | 27. | | 10.09 | 31.73 |
| 4. | | 10.27 | 31.65 | 28. | | 10.10 | 31.74 |
| 5. | | 10.27 | 31.66 | 29. | | 10.12 | 31.75 |
| 6. | | 10.27 | 31.66 | 30. | | 10.13 | 31.76 |
| 7. | | 10.27 | 31.65 | 31. | | 10.17 | 31.79 |
| 8. | | 10.27 | 31.66 | 32. | | 10.18 | 31.82 |
| 9. | | 10.27 | 31.66 | 33. | | 10.19 | 31.82 |
| 10. | | 10.26 | 31.67 | 34. | | 10.17 | 31.85 |
| 11. | | 10.26 | 31.67 | 35. | | 10.18 | 31.90 |
| 12. | | 10.26 | 31.67 | 36. | | 10.20 | 31.92 |
| 13. | | 10.26 | 31.67 | 37. | | 10.23 | 31.97 |
| 14. | | 10.25 | 31.67 | 38. | | 10.22 | 32.01 |
| 15. | | 10.25 | 31.67 | 39. | | 10.19 | 32.02 |
| 16. | | 10.25 | 31.67 | 40. | | 10.15 | 32.02 |
| 17. | | 10.25 | 31.67 | 41. | | 10.10 | 32.04 |
| 18. | | 10.20 | 31.69 | 42. | | 10.09 | 32.04 |
| 19. | | 10.18 | 31.70 | 43. | | 10.08 | 32.05 |
| 20. | | 10.18 | 31.70 | 44. | | 10.07 | 32.05 |
| 21. | | 10.18 | 31.70 | 45. | | 10.05 | 32.06 |
| 22. | | 10.16 | 31.71 | 46. | | 10.05 | 32.06 |
| 23. | | 10.12 | 31.72 | | | | |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 64
54-8.2 N 131-47.8 W
MO.-10 DAY-20 12.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 64 DATE 20/10/84
POSITION 54- 8.2N, 131-47.8W GMT 12.2 STATION Q112
RESULTS OF STP CAST 32 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

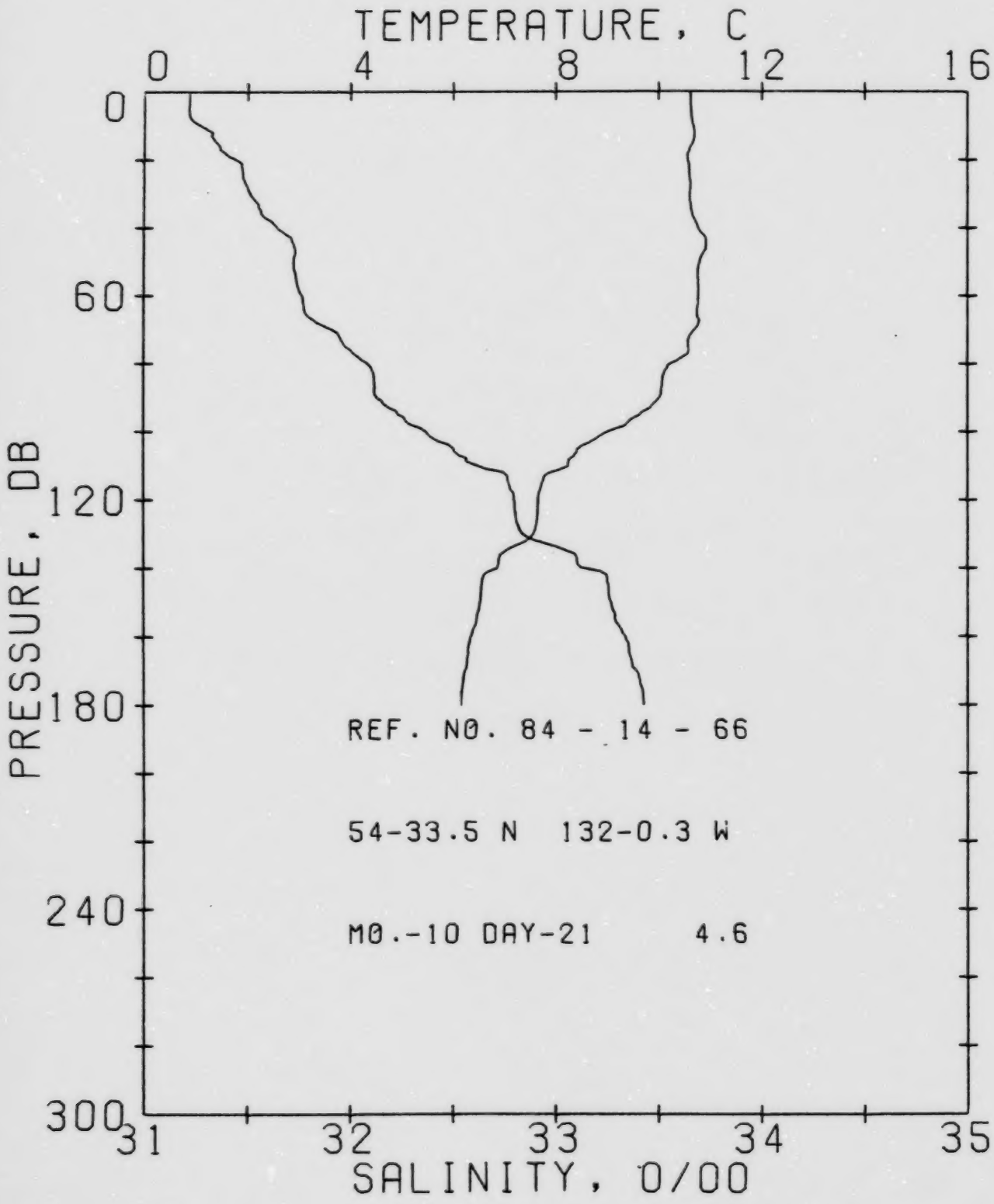
| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.12 | 31.71 | 0 | 24.39 | 354.3 | .00 | .00 | 1487. |
| 10 | 10.12 | 31.72 | 10 | 24.40 | 354.0 | .35 | .02 | 1487. |
| 20 | 10.11 | 31.75 | 20 | 24.43 | 351.6 | .71 | .07 | 1487. |
| 30 | 9.91 | 31.96 | 30 | 24.62 | 333.5 | 1.05 | .16 | 1487. |

| PRES | DEPTH | TEMP | SAL | PRES | DEPTH | TEMP | SAL |
|---|---|---|---|---|---|---|---|
| 0. | | 10.12 | 31.71 | 16. | | 10.12 | 31.72 |
| 1. | | 10.12 | 31.71 | 17. | | 10.12 | 31.74 |
| 2. | | 10.12 | 31.71 | 18. | | 10.12 | 31.73 |
| 3. | | 10.12 | 31.71 | 19. | | 10.11 | 31.75 |
| 4. | | 10.12 | 31.71 | 20. | | 10.11 | 31.75 |
| 5. | | 10.12 | 31.72 | 21. | | 10.11 | 31.75 |
| 6. | | 10.12 | 31.72 | 22. | | 10.11 | 31.76 |
| 7. | | 10.12 | 31.72 | 23. | | 10.11 | 31.76 |
| 8. | | 10.12 | 31.72 | 24. | | 10.10 | 31.77 |
| 9. | | 10.12 | 31.72 | 25. | | 10.07 | 31.82 |
| 10. | | 10.12 | 31.72 | 26. | | 9.99 | 31.87 |
| 11. | | 10.12 | 31.72 | 27. | | 9.91 | 31.92 |
| 12. | | 10.12 | 31.72 | 28. | | 9.91 | 31.93 |
| 13. | | 10.12 | 31.72 | 29. | | 9.91 | 31.94 |
| 14. | | 10.12 | 31.72 | 30. | | 9.91 | 31.96 |
| 15. | | 10.12 | 31.72 | 31. | | 9.91 | 31.96 |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 65
54-39.1 N 132-3.1 W
MO.-10 DAY-21 3.8
27
29
31
33
35
SALINITY, O/OO

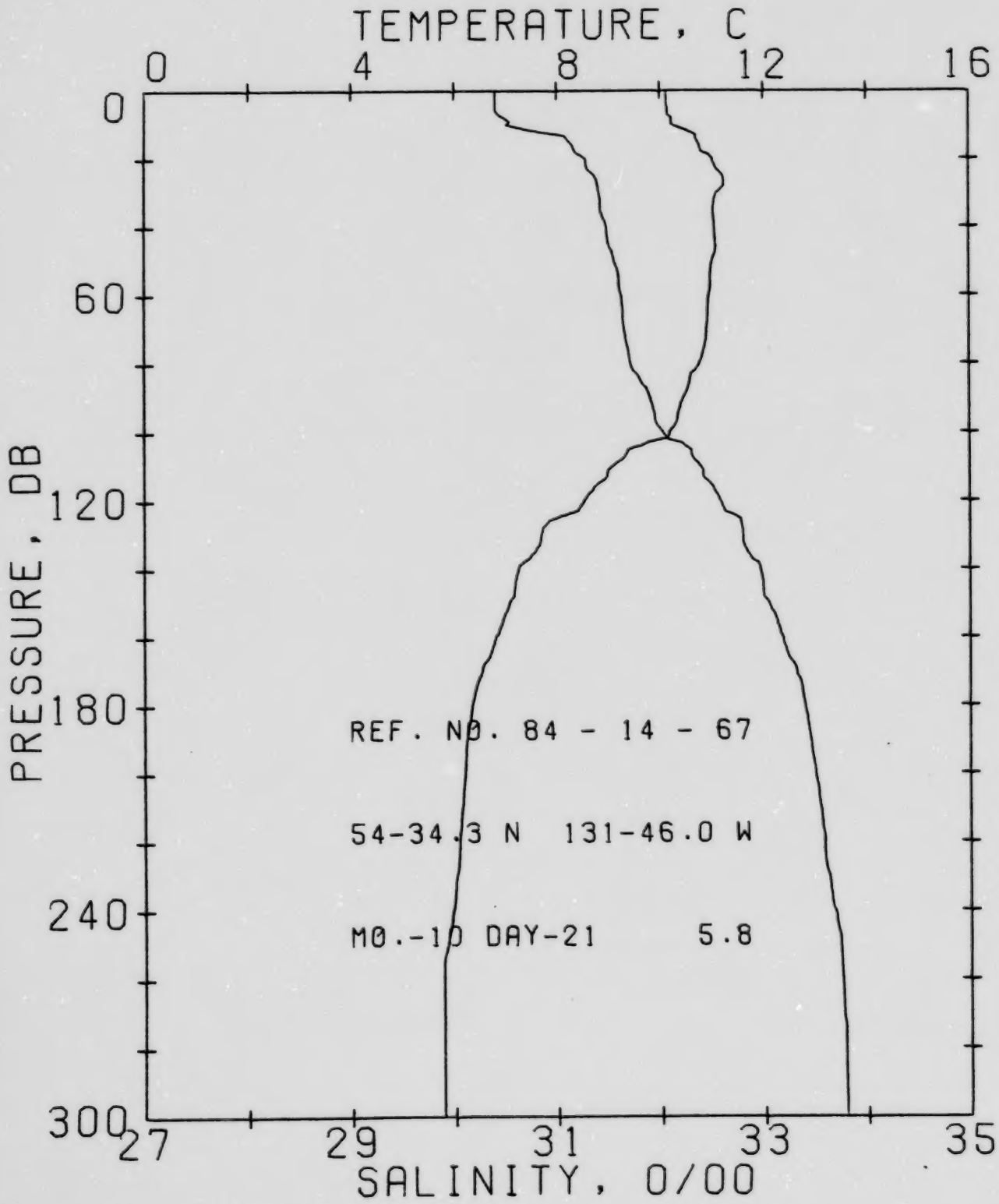
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 65 DATE 21/10/84
POSITION 54-39.1N, 132- 3.1W GMT 3.8 STATION Q104
RESULTS OF STP CAST 135 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.99 | 29.08 | 0 | 22.37 | 547.6 | .00 | .00 | 1483. |
| 10 | 10.00 | 29.06 | 10 | 22.35 | 549.5 | .55 | .03 | 1483. |
| 20 | 10.37 | 29.82 | 20 | 22.88 | 499.0 | 1.08 | .11 | 1485. |
| 30 | 10.55 | 30.26 | 30 | 23.20 | 469.0 | 1.56 | .23 | 1487. |
| 50 | 10.81 | 30.91 | 50 | 23.65 | 426.1 | 2.46 | .60 | 1489. |
| 75 | 11.05 | 31.47 | 75 | 24.05 | 389.1 | 3.47 | 1.24 | 1491. |
| 100 | 10.11 | 31.87 | 100 | 24.51 | 344.7 | 4.40 | 2.07 | 1488. |
| 125 | 8.48 | 32.54 | 124 | 25.30 | 270.1 | 5.16 | 2.93 | 1484. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 66
54-33.5 N 132-0.3 W
MO.-10 DAY-21 4.6
31
32
33
34
35
SALINITY, O/OO

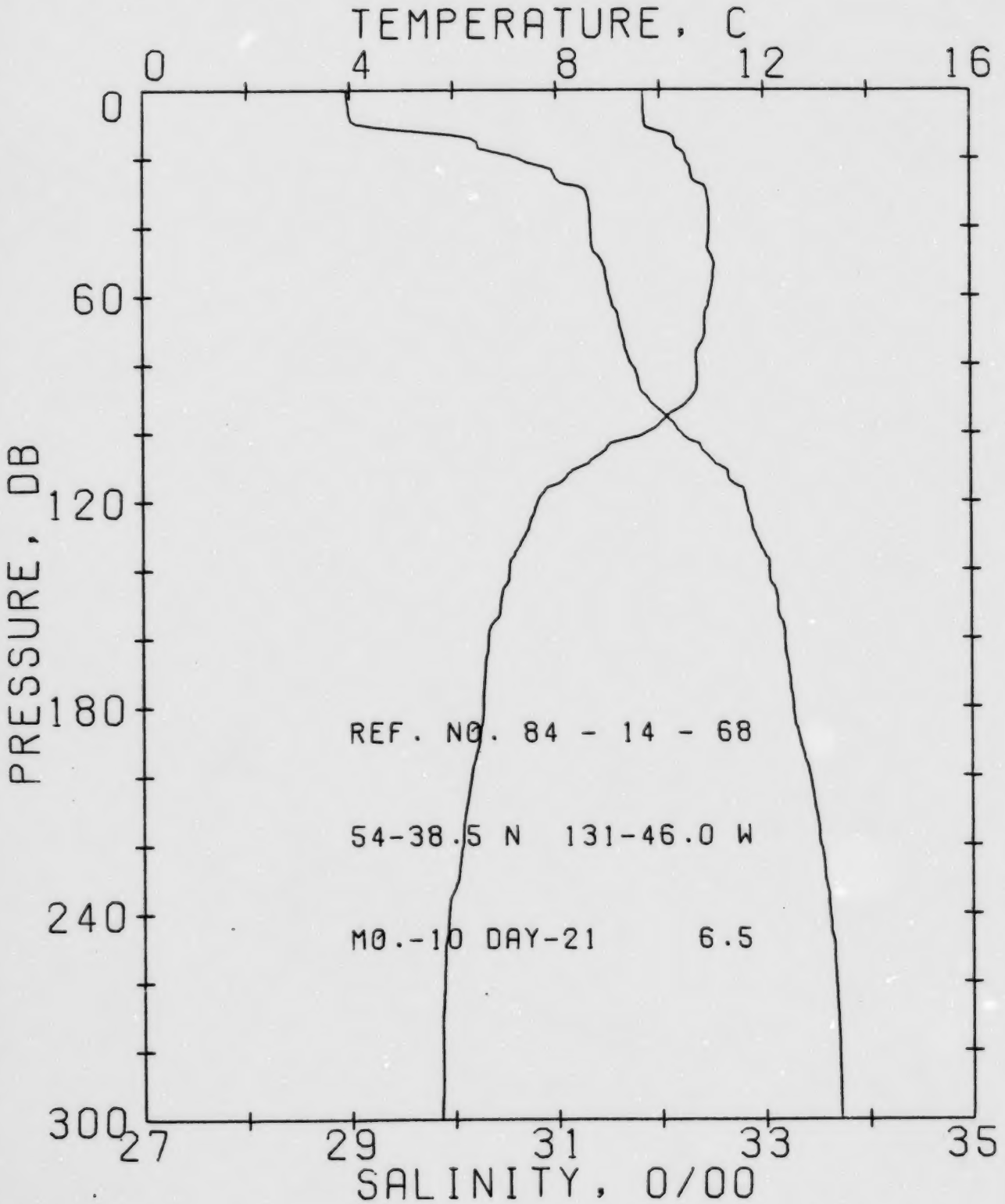
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 66 DATE 21/10/84
POSITION 54-33.5N, 132- .3W GMT 4.6 STATION Q106
RESULTS OF STP CAST 181 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.62 | 31.22 | 0 | 23.93 | 398.9 | .00 | .00 | 1488. |
| 10 | 10.67 | 31.28 | 10 | 23.96 | 395.6 | .40 | .02 | 1488. |
| 20 | 10.56 | 31.45 | 20 | 24.12 | 381.2 | .79 | .08 | 1488. |
| 30 | 10.60 | 31.52 | 30 | 24.16 | 377.2 | 1.17 | .18 | 1489. |
| 50 | 10.79 | 31.73 | 50 | 24.29 | 365.3 | 1.91 | .48 | 1490. |
| 75 | 10.57 | 31.98 | 75 | 24.52 | 343.5 | 2.80 | 1.05 | 1490. |
| 100 | 8.99 | 32.37 | 99 | 25.08 | 290.3 | 3.61 | 1.76 | 1485. |
| 125 | 7.64 | 32.81 | 124 | 25.63 | 238.7 | 4.25 | 2.49 | 1481. |
| 150 | 6.53 | 33.27 | 149 | 26.14 | 190.1 | 4.77 | 3.23 | 1477. |
| 175 | 6.19 | 33.42 | 174 | 26.30 | 175.0 | 5.23 | 3.98 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 67
54-34.3 N 131-46.0 W
MO.-10 DAY-21 5.8
27
29
31
33
35
SALINITY, O/OO

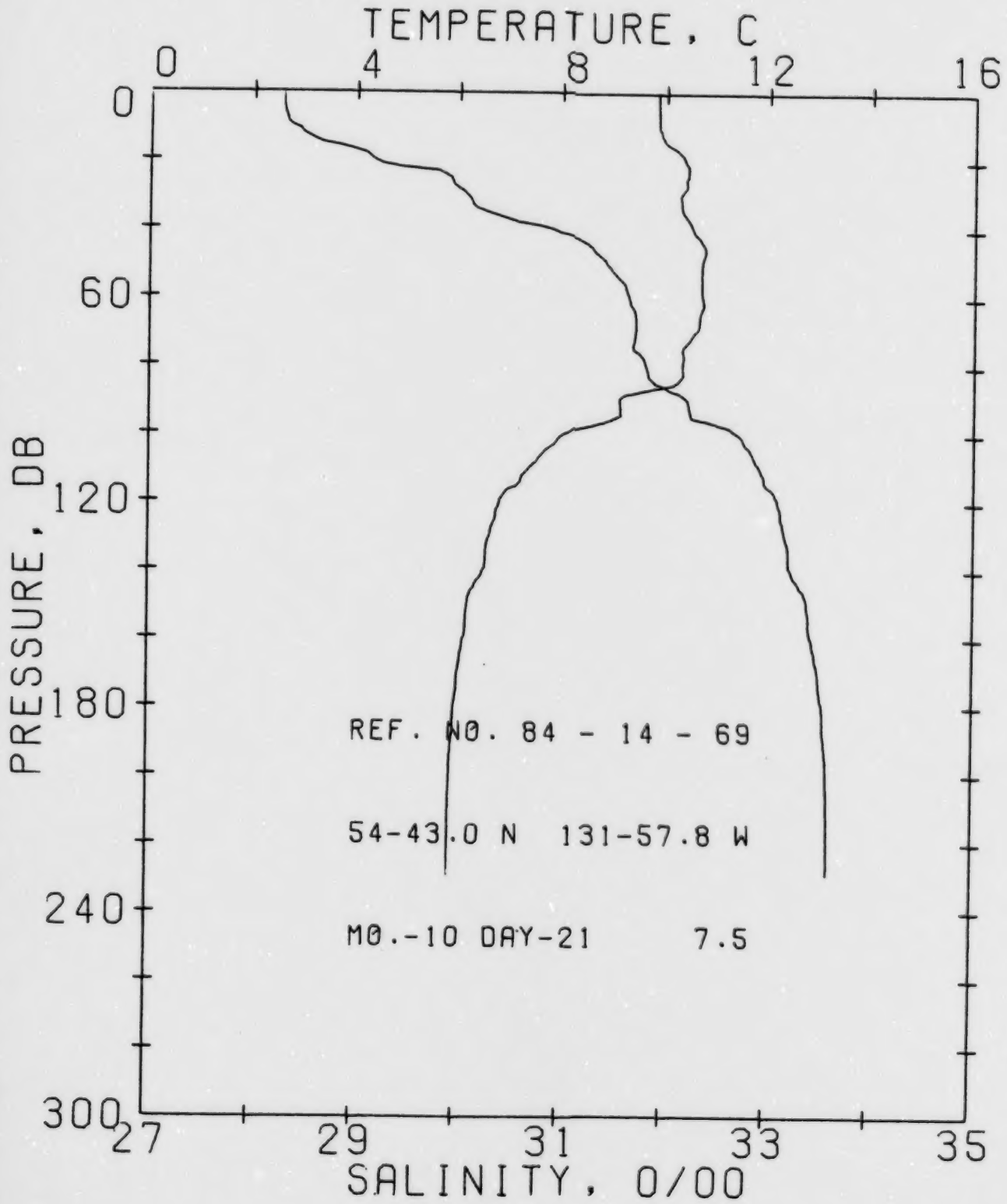
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 67 DATE 21/10/84
POSITION 54-34.3N, 131-46.0W GMT 5.8 STATION Q117
RESULTS OF STP CAST 355 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.13 | 30.40 | 0 | 23.37 | 451.6 | .00 | .00 | 1485. |
| 10 | 10.23 | 30.51 | 10 | 23.44 | 445.7 | .45 | .02 | 1486. |
| 20 | 11.03 | 31.28 | 20 | 23.91 | 401.4 | .86 | .09 | 1490. |
| 30 | 11.09 | 31.41 | 30 | 23.99 | 393.3 | 1.26 | .19 | 1490. |
| 50 | 11.00 | 31.55 | 50 | 24.12 | 381.8 | 2.04 | .50 | 1490. |
| 75 | 10.85 | 31.68 | 75 | 24.24 | 370.1 | 2.98 | 1.10 | 1490. |
| 100 | 10.16 | 32.02 | 99 | 24.63 | 334.2 | 3.86 | 1.89 | 1489. |
| 125 | 7.98 | 32.76 | 124 | 25.55 | 246.6 | 4.58 | 2.71 | 1482. |
| 150 | 7.05 | 33.05 | 149 | 25.90 | 213.5 | 5.15 | 3.51 | 1479. |
| 175 | 6.41 | 33.36 | 174 | 26.23 | 181.9 | 5.65 | 4.33 | 1477. |
| 200 | 6.19 | 33.49 | 199 | 26.36 | 170.0 | 6.09 | 5.16 | 1477. |
| 225 | 6.07 | 33.58 | 224 | 26.45 | 161.7 | 6.50 | 6.05 | 1477. |
| 250 | 5.85 | 33.73 | 248 | 26.59 | 148.6 | 6.89 | 6.99 | 1477. |
| 300 | 5.77 | 33.78 | 298 | 26.64 | 144.2 | 7.61 | 9.02 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 68
54-38.5 N 131-46.0 W
MO.-10 DAY-21 6.5
27
29
31
33
35
SALINITY, O/OO

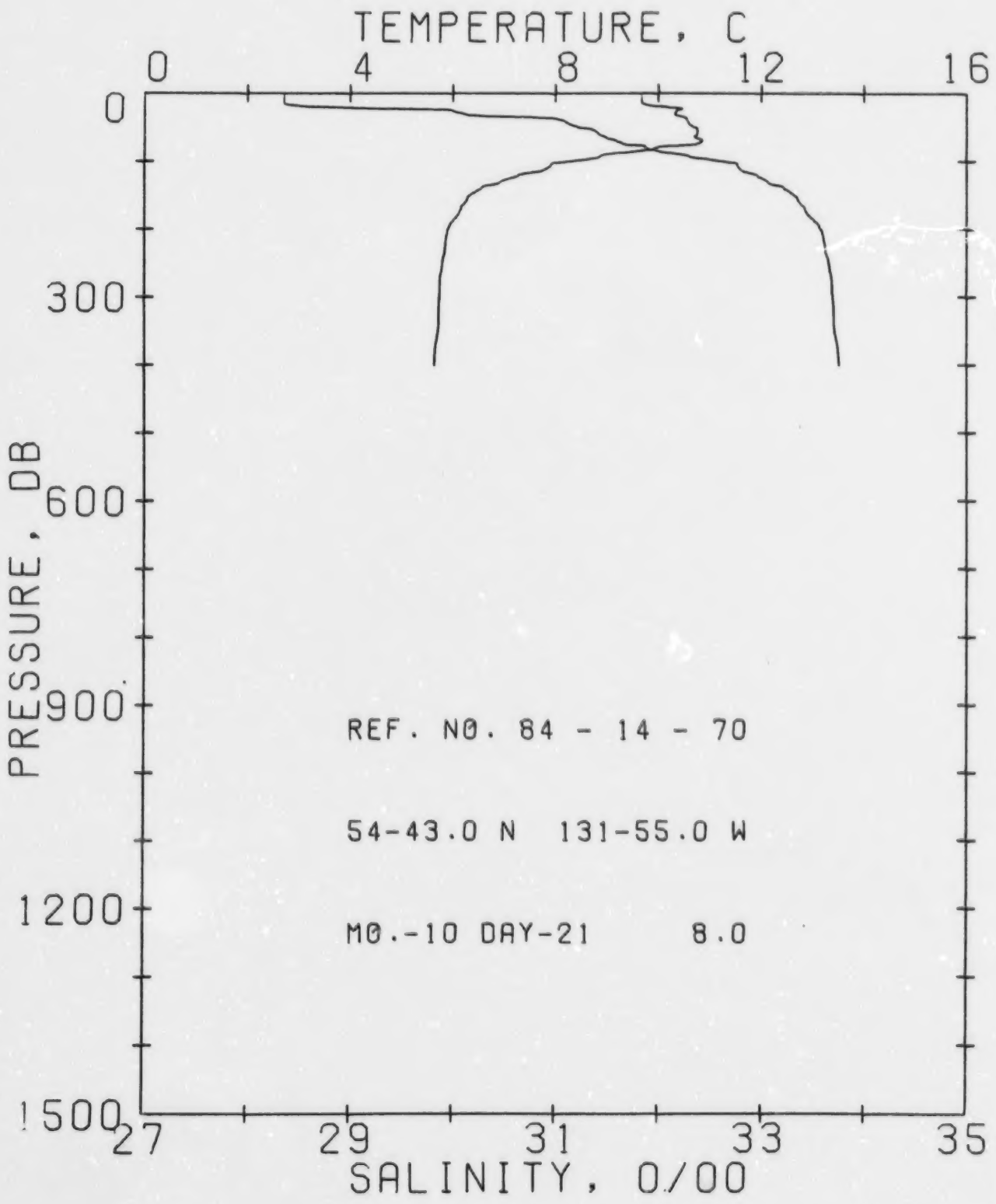
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 68 DATE 21/10/84
POSITION 54-38.5N, 131-46.0W GMT 6.5 STATION Q118
RESULTS OF STP CAST 368 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.69 | 28.97 | 0 | 22.33 | 551.3 | .00 | .00 | 1482. |
| 10 | 9.72 | 29.05 | 10 | 22.39 | 545.6 | .55 | .03 | 1482. |
| 20 | 10.51 | 30.64 | 20 | 23.49 | 440.6 | 1.03 | .10 | 1487. |
| 30 | 10.92 | 31.29 | 30 | 23.93 | 399.1 | 1.45 | .21 | 1489. |
| 50 | 11.05 | 31.44 | 50 | 24.02 | 390.6 | 2.24 | .53 | 1490. |
| 75 | 10.72 | 31.65 | 75 | 24.25 | 369.9 | 3.19 | 1.13 | 1490. |
| 100 | 9.71 | 32.19 | 99 | 24.84 | 314.1 | 4.07 | 1.91 | 1487. |
| 125 | 7.48 | 32.87 | 124 | 25.70 | 232.0 | 4.72 | 2.66 | 1480. |
| 150 | 6.88 | 33.12 | 149 | 25.98 | 205.7 | 5.27 | 3.42 | 1479. |
| 175 | 6.56 | 33.24 | 174 | 26.12 | 192.9 | 5.76 | 4.24 | 1478. |
| 200 | 6.31 | 33.43 | 199 | 26.29 | 176.3 | 6.22 | 5.12 | 1478. |
| 225 | 6.09 | 33.56 | 224 | 26.43 | 164.0 | 6.65 | 6.04 | 1477. |
| 250 | 5.79 | 33.66 | 248 | 26.54 | 153.3 | 7.05 | 7.00 | 1477. |
| 300 | 5.72 | 33.72 | 298 | 26.60 | 148.5 | 7.80 | 9.11 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 69
54-43.0 N 131-57.8 W
MO.-10 DAY-21 7.5
27
29
31
33
35
SALINITY, O/OO

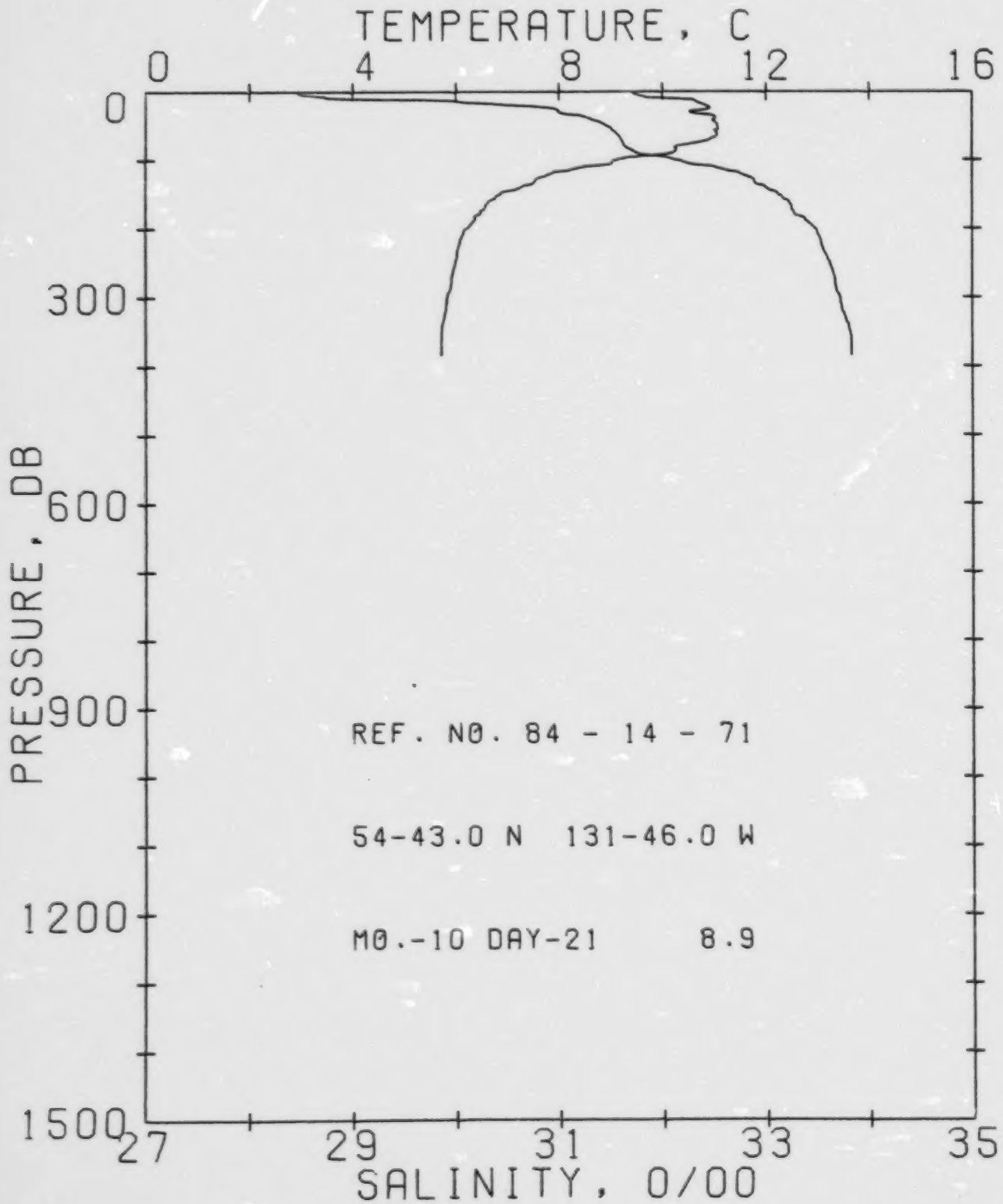
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 69 DATE 21/10/84
POSITION 54-43.0N, 131-57.8W GMT 7.5 STATION Q119
RESULTS OF STP CAST 227 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.83 | 28.29 | 0 | 21.78 | 604.3 | .00 | .00 | 1481. |
| 10 | 9.84 | 28.37 | 10 | 21.85 | 598.0 | .60 | .03 | 1482. |
| 20 | 10.36 | 29.18 | 20 | 22.39 | 546.4 | 1.18 | .12 | 1485. |
| 30 | 10.27 | 30.08 | 30 | 23.10 | 478.4 | 1.68 | .25 | 1486. |
| 50 | 10.70 | 31.44 | 50 | 24.08 | 385.2 | 2.54 | .59 | 1489. |
| 75 | 10.31 | 31.69 | 75 | 24.35 | 360.3 | 3.46 | 1.18 | 1489. |
| 100 | 8.05 | 32.73 | 100 | 25.50 | 250.2 | 4.25 | 1.88 | 1482. |
| 125 | 6.74 | 33.13 | 124 | 26.01 | 202.6 | 4.81 | 2.51 | 1478. |
| 150 | 6.21 | 33.39 | 149 | 26.28 | 176.8 | 5.29 | 3.18 | 1476. |
| 175 | 6.01 | 33.52 | 174 | 26.40 | 165.5 | 5.72 | 3.89 | 1476. |
| 200 | 5.88 | 33.59 | 199 | 26.48 | 158.6 | 6.12 | 4.66 | 1476. |
| 225 | 5.86 | 33.61 | 224 | 26.49 | 157.5 | 6.51 | 5.52 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 70
54-43.0 N 131-55.0 W
MO.-10 DAY-21 8.0
27
29
31
33
35
SALINITY, O/OO

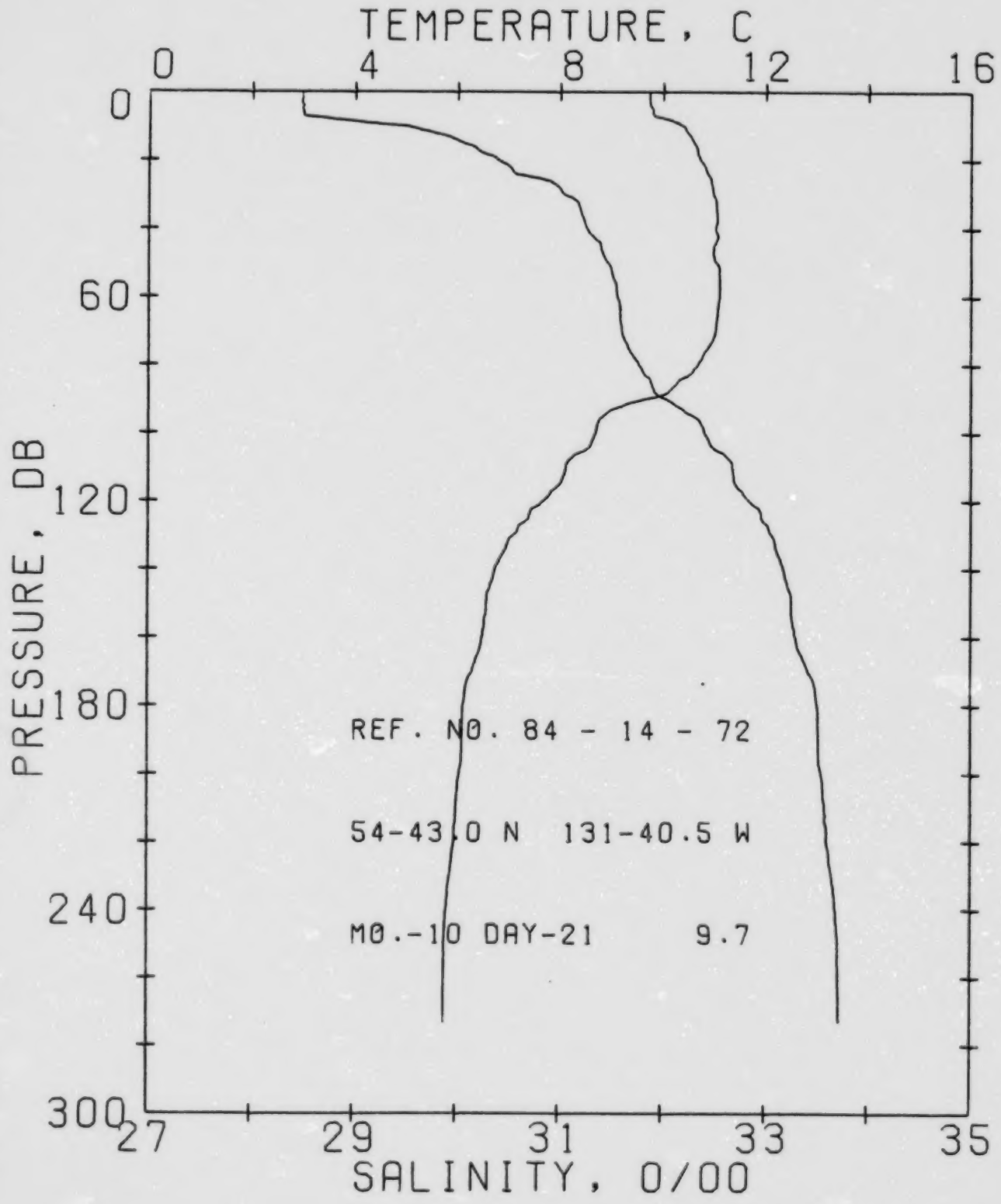
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 70 DATE 21/10/84
POSITION 54-43.0N, 131-55.0W GMT 8.0 STATION Q120
RESULTS OF STP CAST 402 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.68 | 28.36 | 0 | 21.86 | 596.5 | .00 | .00 | 1481. |
| 10 | 9.67 | 28.36 | 10 | 21.86 | 596.6 | .60 | .03 | 1481. |
| 20 | 10.17 | 28.84 | 20 | 22.16 | 568.1 | 1.19 | .12 | 1483. |
| 30 | 10.31 | 30.12 | 30 | 23.12 | 476.2 | 1.69 | .25 | 1486. |
| 50 | 10.69 | 31.23 | 50 | 23.93 | 400.0 | 2.53 | .59 | 1489. |
| 75 | 10.72 | 31.69 | 75 | 24.27 | 367.4 | 3.49 | 1.20 | 1490. |
| 100 | 8.26 | 32.65 | 100 | 25.41 | 259.0 | 4.27 | 1.88 | 1482. |
| 125 | 7.09 | 33.01 | 124 | 25.87 | 216.0 | 4.86 | 2.56 | 1479. |
| 150 | 6.31 | 33.33 | 149 | 26.22 | 182.7 | 5.35 | 3.25 | 1477. |
| 175 | 6.12 | 33.44 | 174 | 26.33 | 172.3 | 5.79 | 3.98 | 1476. |
| 200 | 5.89 | 33.59 | 199 | 26.47 | 158.9 | 6.21 | 4.77 | 1476. |
| 225 | 5.84 | 33.62 | 224 | 26.51 | 156.0 | 6.60 | 5.62 | 1476. |
| 250 | 5.78 | 33.66 | 248 | 26.54 | 152.8 | 6.98 | 6.55 | 1477. |
| 300 | 5.72 | 33.70 | 298 | 26.58 | 149.9 | 7.74 | 8.67 | 1477. |
| 400 | 5.63 | 33.76 | 397 | 26.64 | 145.3 | 9.22 | 13.94 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 71
54-43.0 N 131-46.0 W
MO.-10 DAY-21 8.9
27
29
31
33
35
SALINITY, O/OO

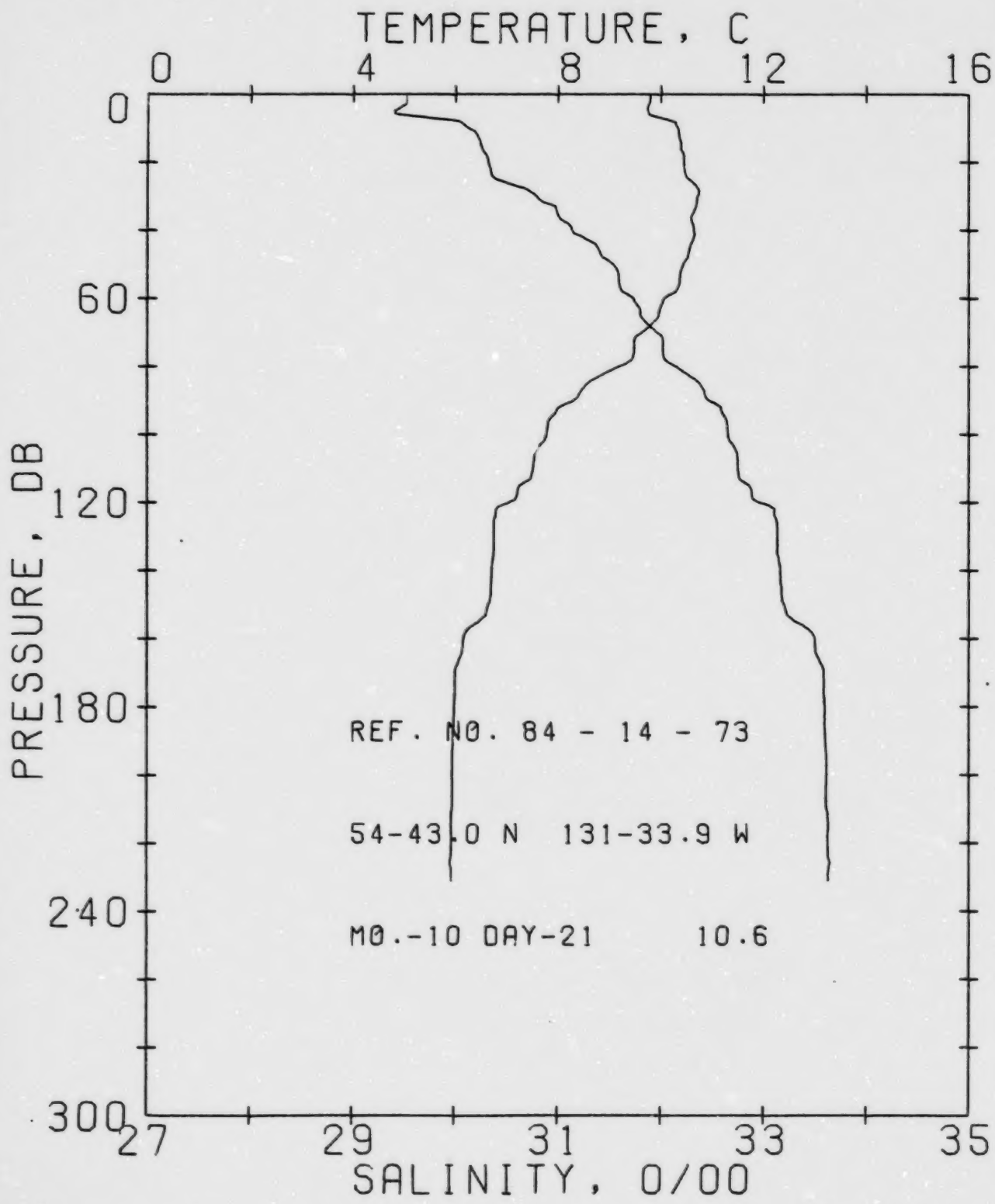
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 71 DATE 21/10/84
POSITION 54-43.0N, 131-46.0W GMT 8.9 STATION Q121
RESULTS OF STP CAST 384 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.45 | 28.47 | 0 | 21.98 | 584.8 | .00 | .00 | 1480. |
| 10 | 10.18 | 28.98 | 10 | 22.26 | 558.0 | .58 | .03 | 1484. |
| 20 | 10.85 | 30.63 | 20 | 23.43 | 447.0 | 1.06 | .10 | 1488. |
| 30 | 10.53 | 31.01 | 30 | 23.78 | 413.4 | 1.48 | .21 | 1488. |
| 50 | 11.07 | 31.47 | 50 | 24.04 | 388.6 | 2.28 | .53 | 1491. |
| 75 | 10.61 | 31.63 | 75 | 24.24 | 370.0 | 3.23 | 1.14 | 1490. |
| 100 | 9.06 | 32.16 | 99 | 24.91 | 306.4 | 4.10 | 1.91 | 1485. |
| 125 | 7.63 | 32.86 | 124 | 25.67 | 234.6 | 4.77 | 2.67 | 1481. |
| 150 | 6.85 | 33.13 | 149 | 25.99 | 204.9 | 5.32 | 3.45 | 1478. |
| 175 | 6.47 | 33.28 | 174 | 26.16 | 189.1 | 5.81 | 4.25 | 1478. |
| 200 | 6.19 | 33.49 | 199 | 26.36 | 170.0 | 6.26 | 5.11 | 1477. |
| 225 | 6.06 | 33.55 | 224 | 26.42 | 164.3 | 6.68 | 6.01 | 1477. |
| 250 | 5.99 | 33.62 | 248 | 26.49 | 158.0 | 7.08 | 6.98 | 1477. |
| 300 | 5.82 | 33.73 | 298 | 26.59 | 149.0 | 7.85 | 9.14 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 72
54-43.0 N 131-40.5 W
MO.-10 DAY-21 9.7
27
29
31
33
35
SALINITY, O/OO

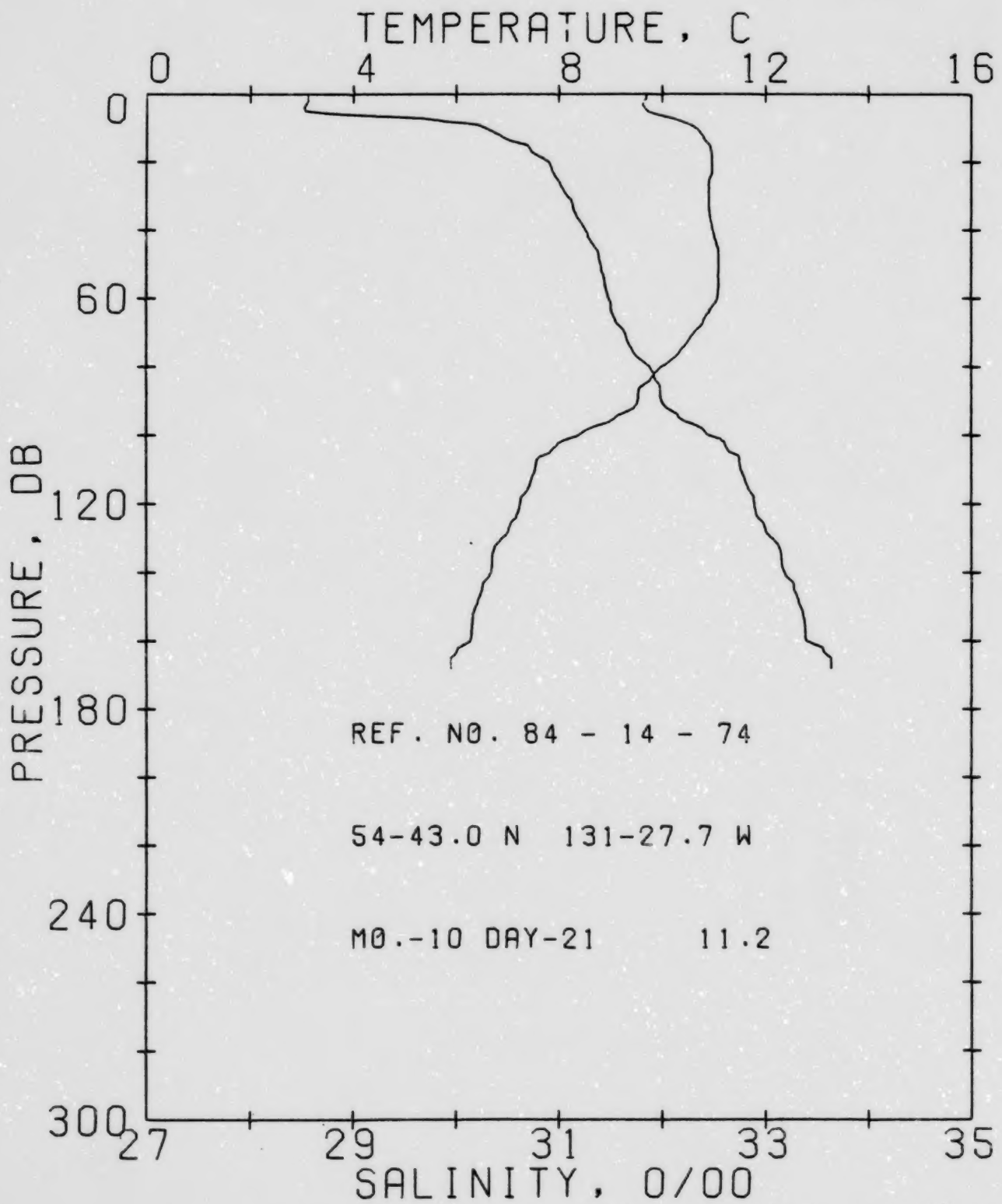
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 72 DATE 21/10/84
POSITION 54-43.0N, 131-40.5W GMT 9.7 STATION Q122
RESULTS OF STP CAST 274 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.73 | 28.49 | 0 | 21.95 | 587.4 | .00 | .00 | 1481. |
| 10 | 10.40 | 29.52 | 10 | 22.65 | 521.3 | .58 | .03 | 1485. |
| 20 | 10.72 | 30.41 | 20 | 23.28 | 460.9 | 1.06 | .10 | 1487. |
| 30 | 10.97 | 31.05 | 30 | 23.74 | 417.6 | 1.50 | .21 | 1489. |
| 50 | 11.04 | 31.47 | 50 | 24.05 | 387.9 | 2.30 | .54 | 1490. |
| 75 | 10.88 | 31.67 | 75 | 24.23 | 371.1 | 3.26 | 1.15 | 1491. |
| 100 | 8.71 | 32.41 | 99 | 25.16 | 283.0 | 4.08 | 1.88 | 1484. |
| 125 | 7.41 | 32.96 | 124 | 25.78 | 224.2 | 4.71 | 2.60 | 1480. |
| 150 | 6.58 | 33.26 | 149 | 26.13 | 191.7 | 5.22 | 3.31 | 1478. |
| 175 | 6.18 | 33.49 | 174 | 26.36 | 169.4 | 5.68 | 4.07 | 1477. |
| 200 | 6.05 | 33.55 | 199 | 26.42 | 163.9 | 6.10 | 4.86 | 1477. |
| 225 | 5.92 | 33.63 | 224 | 26.50 | 156.6 | 6.50 | 5.73 | 1477. |
| 250 | 5.77 | 33.71 | 248 | 26.59 | 148.8 | 6.88 | 6.65 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 73
54-43.0 N 131-33.9 W
MO.-10 DAY-21 10.6
27
29
31
33
35
SALINITY, O/OO

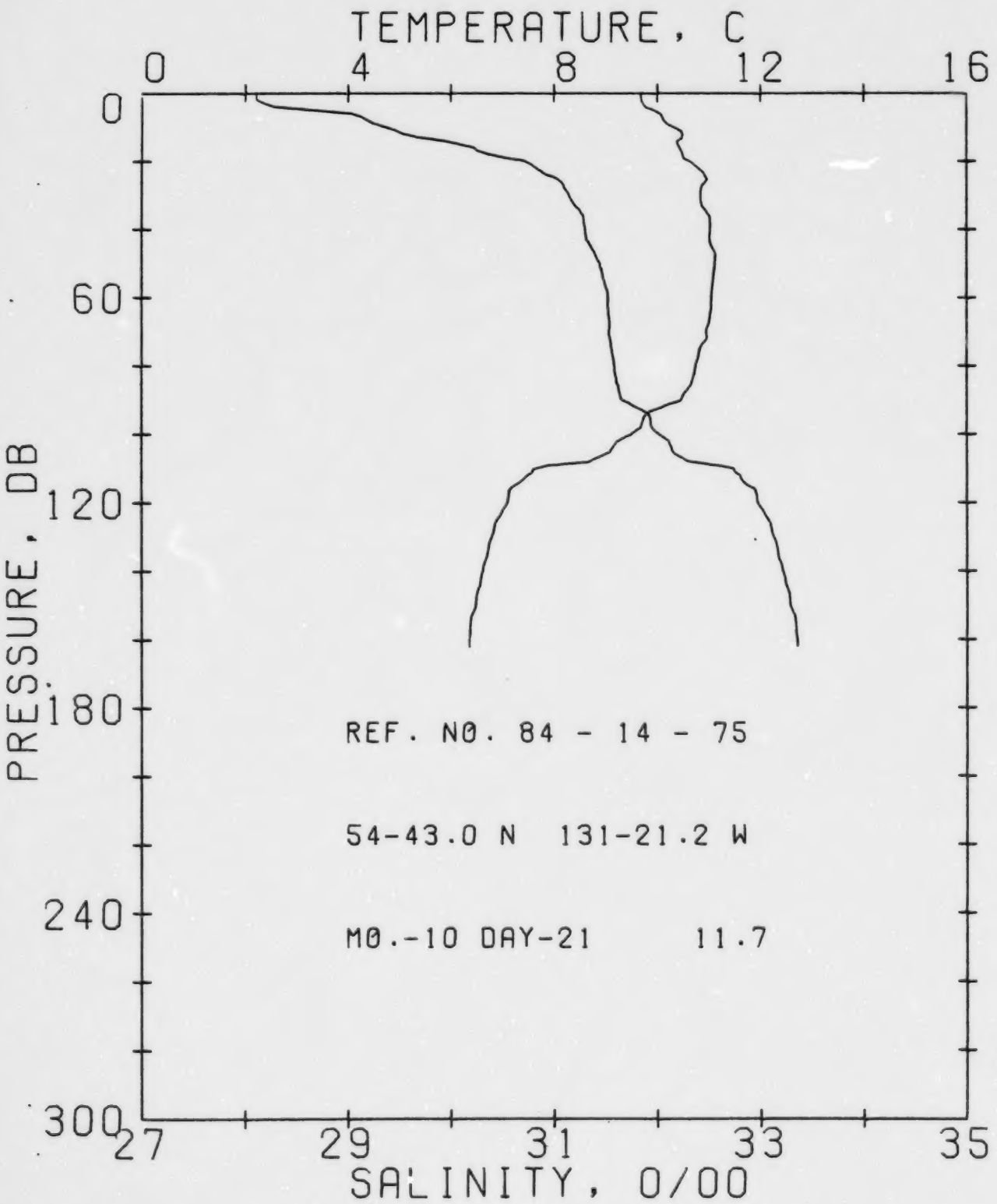
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 73 DATE 21/10/84
POSITION 54-43.0N, 131-33.9W GMT 10.6 STATION Q123
RESULTS OF STP CAST 232 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.80 | 29.52 | 0 | 22.75 | 511.7 | .00 | .00 | 1483. |
| 10 | 10.34 | 30.13 | 10 | 23.13 | 475.4 | .50 | .03 | 1486. |
| 20 | 10.44 | 30.32 | 20 | 23.26 | 462.7 | .97 | .10 | 1486. |
| 30 | 10.72 | 30.80 | 30 | 23.58 | 432.3 | 1.42 | .21 | 1488. |
| 50 | 10.44 | 31.54 | 50 | 24.21 | 373.2 | 2.23 | .54 | 1488. |
| 75 | 9.49 | 32.02 | 75 | 24.74 | 323.0 | 3.10 | 1.09 | 1486. |
| 100 | 7.79 | 32.66 | 99 | 25.49 | 251.6 | 3.80 | 1.71 | 1481. |
| 125 | 6.76 | 33.13 | 124 | 26.00 | 203.0 | 4.38 | 2.37 | 1478. |
| 150 | 6.65 | 33.21 | 149 | 26.08 | 196.3 | 4.89 | 3.08 | 1478. |
| 175 | 6.00 | 33.59 | 174 | 26.46 | 160.1 | 5.31 | 3.78 | 1476. |
| 200 | 5.94 | 33.62 | 199 | 26.49 | 157.3 | 5.71 | 4.54 | 1476. |
| 225 | 5.91 | 33.64 | 223 | 26.51 | 155.5 | 6.10 | 5.39 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 74
54-43.0 N 131-27.7 W
MO.-10 DAY-21 11.2
27
29
31
33
35
SALINITY, O/OO

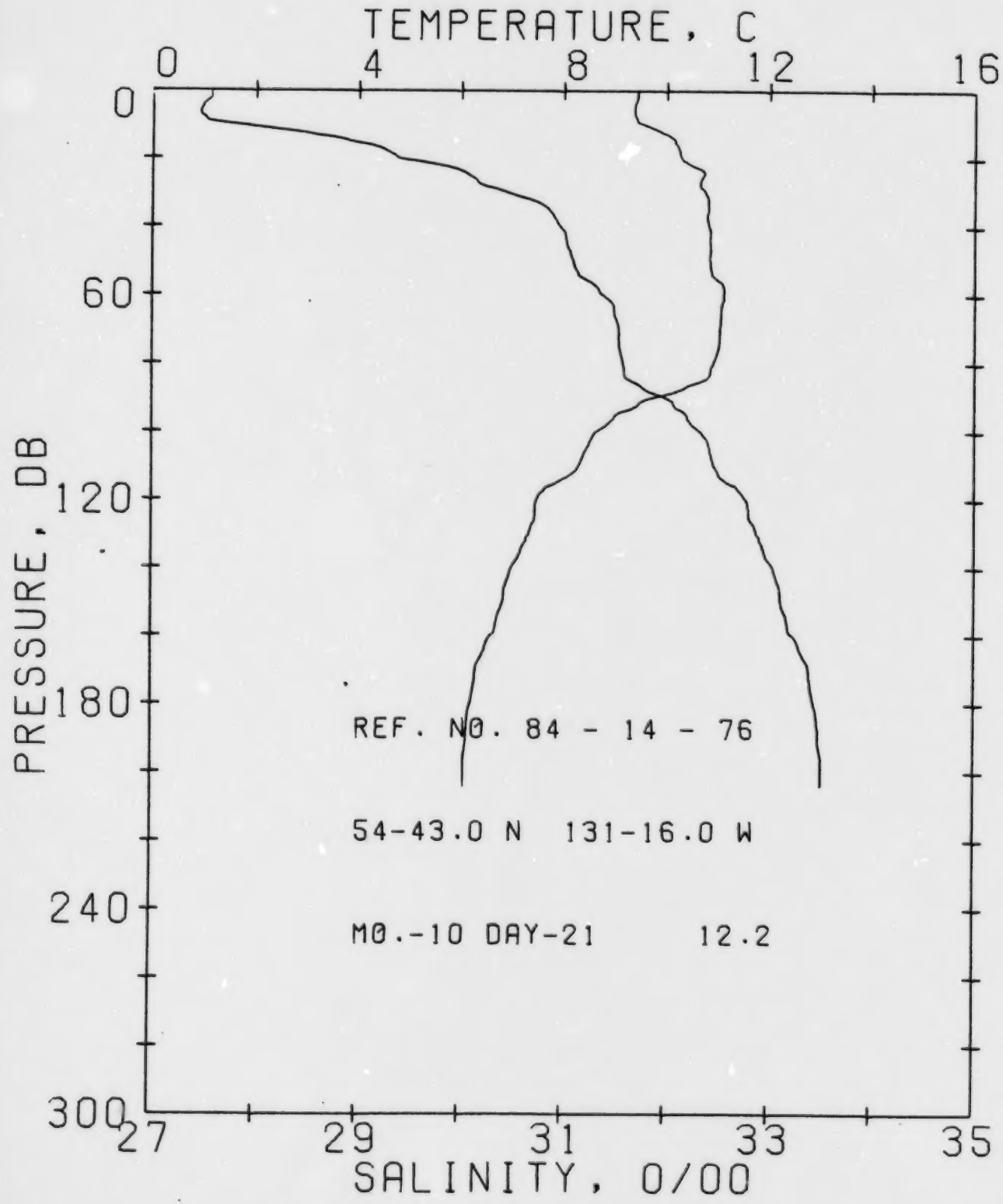
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 74 DATE 21/10/84
POSITION 54-43.0N, 131-27.7W GMT 11.2 STATION Q124
RESULTS OF STP CAST 169 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.71 | 28.56 | 0 | 22.01 | 581.8 | .00 | .00 | 1481. |
| 10 | 10.67 | 30.30 | 10 | 23.20 | 468.1 | .55 | .03 | 1487. |
| 20 | 10.96 | 30.91 | 20 | 23.63 | 427.8 | .99 | .09 | 1489. |
| 30 | 10.90 | 31.09 | 30 | 23.78 | 413.8 | 1.42 | .20 | 1489. |
| 50 | 11.10 | 31.41 | 50 | 23.99 | 393.6 | 2.22 | .53 | 1491. |
| 75 | 10.37 | 31.72 | 75 | 24.36 | 359.4 | 3.17 | 1.13 | 1489. |
| 100 | 8.40 | 32.44 | 99 | 25.23 | 275.9 | 3.98 | 1.85 | 1483. |
| 125 | 7.09 | 32.97 | 124 | 25.84 | 218.9 | 4.58 | 2.53 | 1479. |
| 150 | 6.39 | 33.35 | 149 | 26.22 | 182.5 | 5.08 | 3.23 | 1477. |


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 14 - 75
54-43.0 N 131-21.2 W
MO.-10 DAY-21 11.7
27
29
31
33
35
SALINITY, O/OO

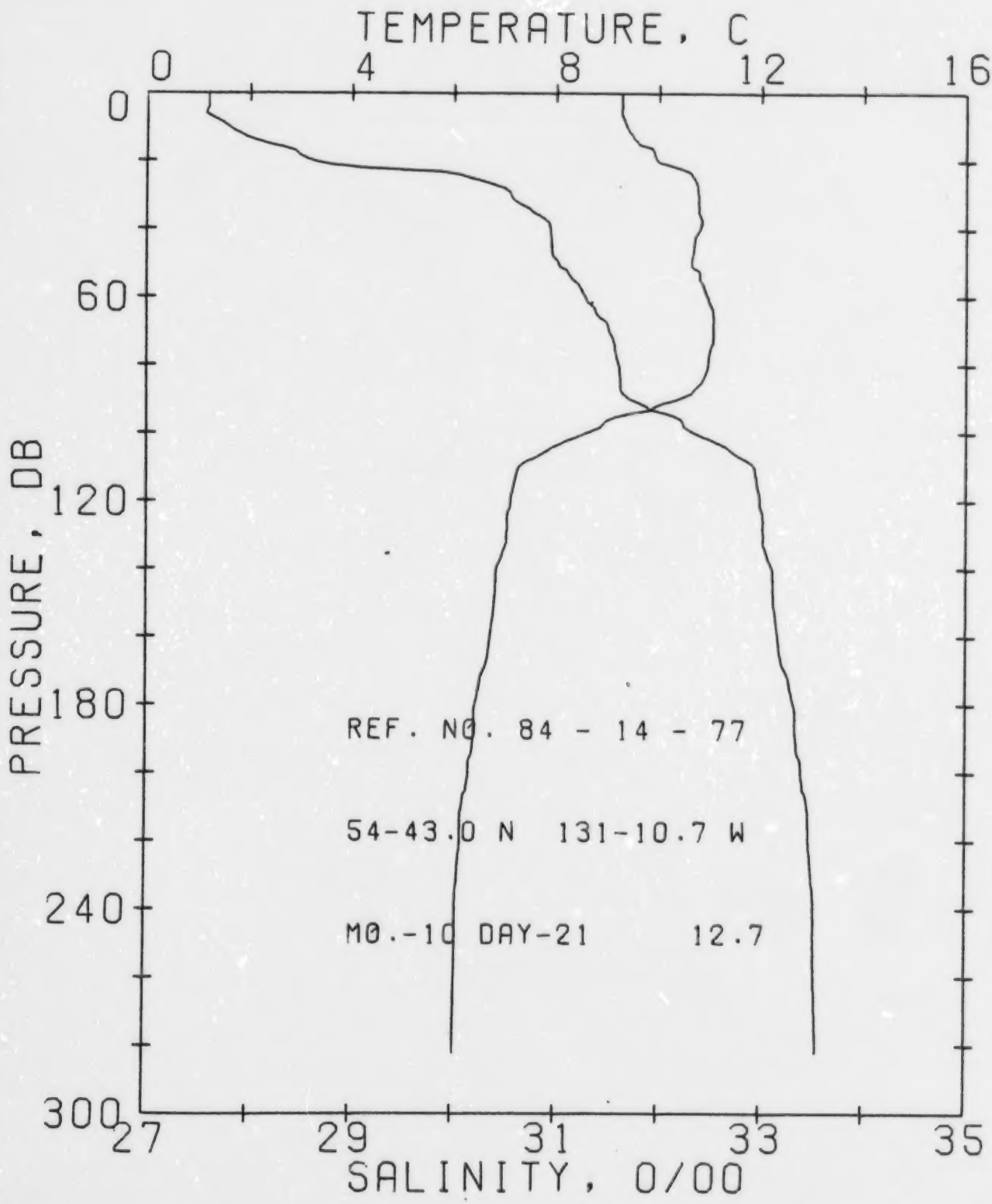
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 75 DATE 21/10/84
POSITION 54-43.0N, 131-21.2W GMT 11.7 STATION Q125
RESULTS OF STP CAST 163 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.68 | 28.11 | 0 | 21.66 | 615.2 | .00 | .00 | 1480. |
| 10 | 10.33 | 29.37 | 10 | 22.54 | 531.7 | .58 | .03 | 1485. |
| 20 | 10.64 | 30.73 | 20 | 23.54 | 436.0 | 1.06 | .10 | 1488. |
| 30 | 10.83 | 31.15 | 30 | 23.84 | 408.0 | 1.48 | .21 | 1489. |
| 50 | 11.12 | 31.45 | 50 | 24.02 | 391.2 | 2.28 | .53 | 1491. |
| 75 | 10.82 | 31.56 | 75 | 24.16 | 378.4 | 3.24 | 1.15 | 1490. |
| 100 | 9.50 | 32.02 | 100 | 24.73 | 324.0 | 4.14 | 1.94 | 1486. |
| 125 | 6.90 | 33.08 | 124 | 25.94 | 208.5 | 4.78 | 2.66 | 1478. |
| 150 | 6.50 | 33.29 | 149 | 26.16 | 188.0 | 5.27 | 3.35 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 76
54-43.0 N 131-16.0 W
MO.-10 DAY-21 12.2
27
29
31
33
35
SALINITY, O/OO

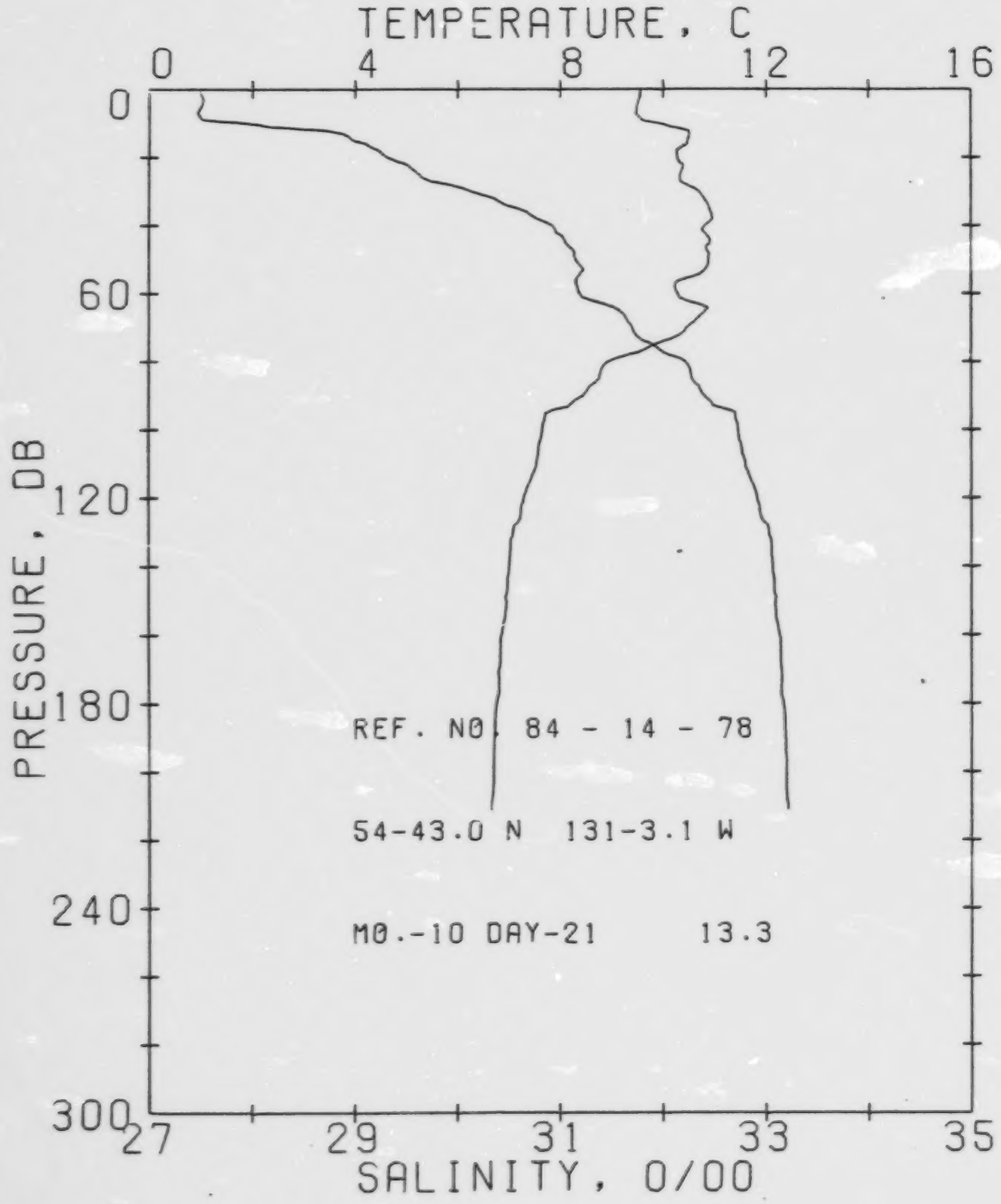
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 76 DATE 21/10/84
POSITION 54-43.0N, 131-16.0W GMT 12.2 STATION Q126
RESULTS OF STP CAST 205 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.44 | 27.57 | 0 | 21.28 | 651.7 | .00 | .00 | 1479. |
| 10 | 9.58 | 27.83 | 10 | 21.46 | 634.8 | .65 | .03 | 1480. |
| 20 | 10.29 | 29.40 | 20 | 22.57 | 529.0 | 1.22 | .12 | 1485. |
| 30 | 10.76 | 30.47 | 30 | 23.32 | 457.0 | 1.71 | .24 | 1488. |
| 50 | 10.85 | 31.10 | 50 | 23.80 | 412.2 | 2.55 | .59 | 1489. |
| 75 | 11.03 | 31.54 | 75 | 24.11 | 383.1 | 3.54 | 1.21 | 1491. |
| 100 | 8.63 | 32.34 | 100 | 25.12 | 286.7 | 4.40 | 1.97 | 1483. |
| 125 | 7.46 | 32.81 | 124 | 25.65 | 236.3 | 5.05 | 2.72 | 1480. |
| 150 | 6.84 | 33.12 | 149 | 25.98 | 205.1 | 5.60 | 3.48 | 1478. |
| 175 | 6.27 | 33.41 | 174 | 26.29 | 176.6 | 6.07 | 4.26 | 1477. |
| 200 | 6.08 | 33.52 | 199 | 26.40 | 166.6 | 6.49 | 5.07 | 1477. |


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 14 - 77
54-43.0 N 131-10.7 W
MO.-10 DAY-21 12.7
27
29
31
33
35
SALINITY, O/OO

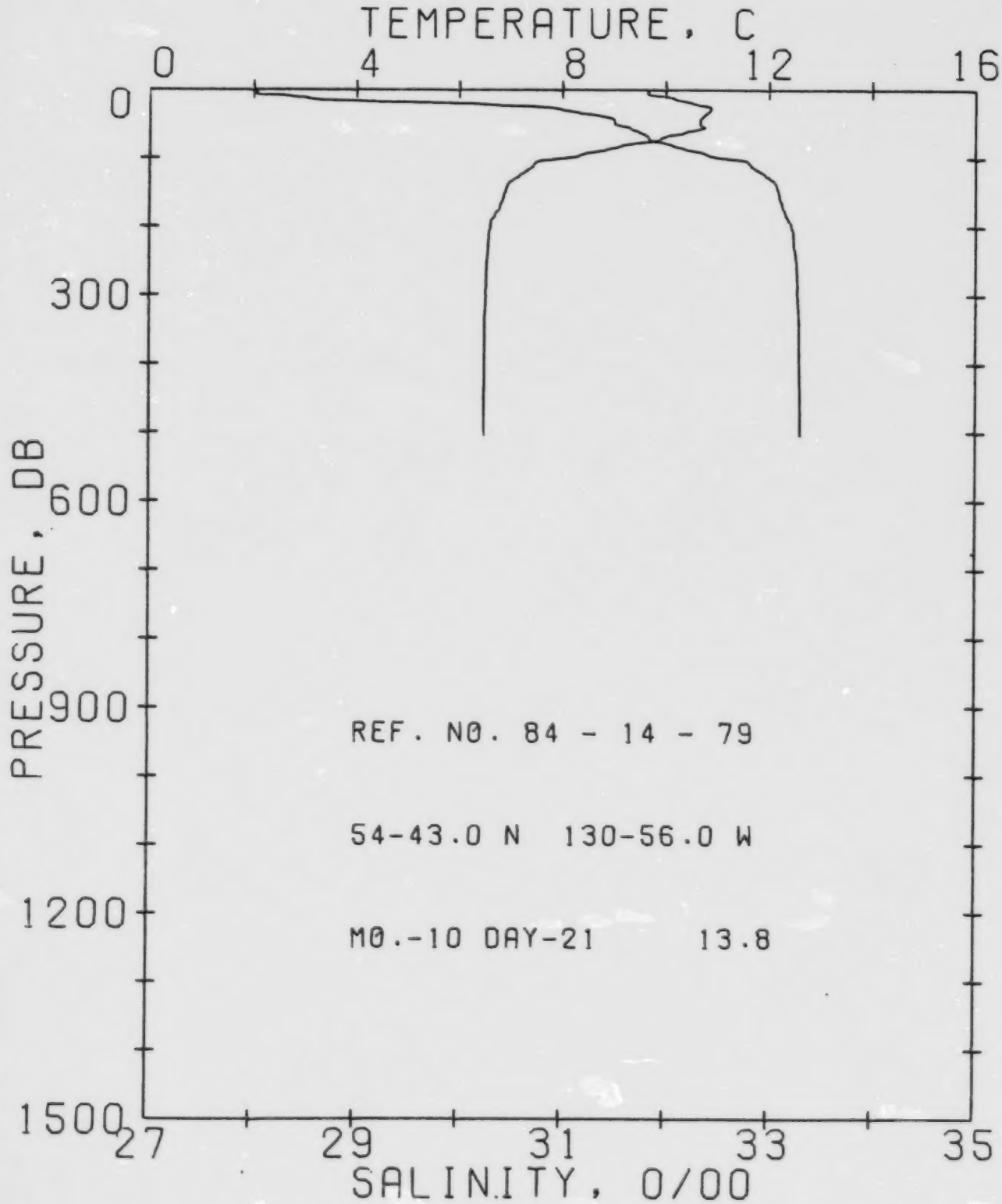
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 77 DATE 21/10/84
POSITION 54-43.0N, 131-10.7W GMT 12.7 STATION Q127
RESULTS OF STP CAST 283 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.28 | 27.60 | 0 | 21.33 | 647.6 | .00 | .00 | 1478. |
| 10 | 9.37 | 27.80 | 10 | 21.47 | 633.6 | .65 | .03 | 1479. |
| 20 | 9.96 | 28.62 | 20 | 22.02 | 581.6 | 1.25 | .13 | 1482. |
| 30 | 10.77 | 30.56 | 30 | 23.39 | 450.4 | 1.75 | .25 | 1488. |
| 50 | 10.63 | 31.03 | 50 | 23.78 | 413.9 | 2.60 | .60 | 1488. |
| 75 | 11.01 | 31.58 | 75 | 24.14 | 380.5 | 3.59 | 1.23 | 1491. |
| 100 | 8.57 | 32.36 | 100 | 25.14 | 284.5 | 4.47 | 2.00 | 1483. |
| 125 | 7.06 | 33.02 | 124 | 25.88 | 214.8 | 5.05 | 2.66 | 1479. |
| 150 | 6.82 | 33.13 | 149 | 25.99 | 204.3 | 5.57 | 3.39 | 1478. |
| 175 | 6.52 | 33.29 | 174 | 26.16 | 188.6 | 6.07 | 4.21 | 1478. |
| 200 | 6.32 | 33.40 | 199 | 26.27 | 178.3 | 6.52 | 5.09 | 1478. |
| 225 | 6.13 | 33.49 | 224 | 26.37 | 169.5 | 6.96 | 6.02 | 1477. |
| 250 | 6.07 | 33.53 | 248 | 26.40 | 166.3 | 7.37 | 7.03 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 78
54-43.0 N 131-3.1 W
MO.-10 DAY-21 13.3
27
29
31
33
35
SALINITY, O/OO

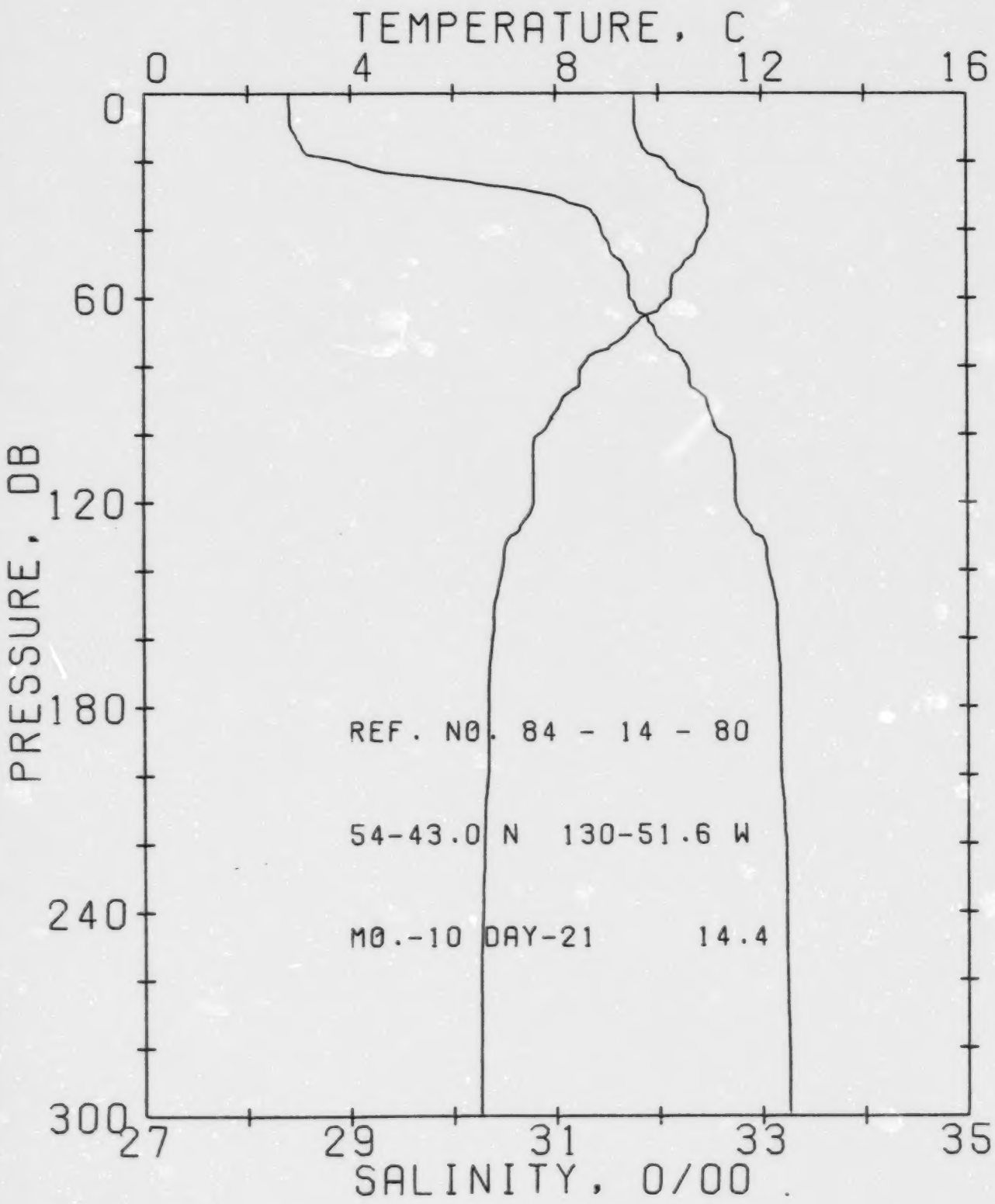
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 78 DATE 21/10/84
POSITION 54-43.0N, 131- 3.1W GMT 13.3 STATION Q128
RESULTS OF STP CAST 212 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.56 | 27.50 | 0 | 21.21 | 659.0 | .00 | .00 | 1479. |
| 10 | 9.96 | 27.98 | 10 | 21.52 | 628.8 | .66 | .03 | 1481. |
| 20 | 10.27 | 29.32 | 20 | 22.51 | 534.3 | 1.22 | .12 | 1484. |
| 30 | 10.69 | 30.14 | 30 | 23.07 | 480.8 | 1.73 | .25 | 1487. |
| 50 | 10.88 | 31.15 | 50 | 23.83 | 408.9 | 2.60 | .60 | 1489. |
| 75 | 9.81 | 31.91 | 75 | 24.60 | 336.3 | 3.56 | 1.20 | 1487. |
| 100 | 7.66 | 32.73 | 100 | 25.57 | 244.3 | 4.26 | 1.83 | 1480. |
| 125 | 7.23 | 32.95 | 124 | 25.80 | 222.5 | 4.85 | 2.50 | 1479. |
| 150 | 6.95 | 33.09 | 149 | 25.95 | 208.8 | 5.38 | 3.24 | 1479. |
| 175 | 6.81 | 33.15 | 174 | 26.01 | 202.6 | 5.89 | 4.09 | 1479. |
| 200 | 6.71 | 33.20 | 199 | 26.06 | 198.3 | 6.39 | 5.04 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 79
54-43.0 N 130-56.0 W
MO.-10 DAY-21 13.8
27
29
31
33
35
SALINITY, O/OO

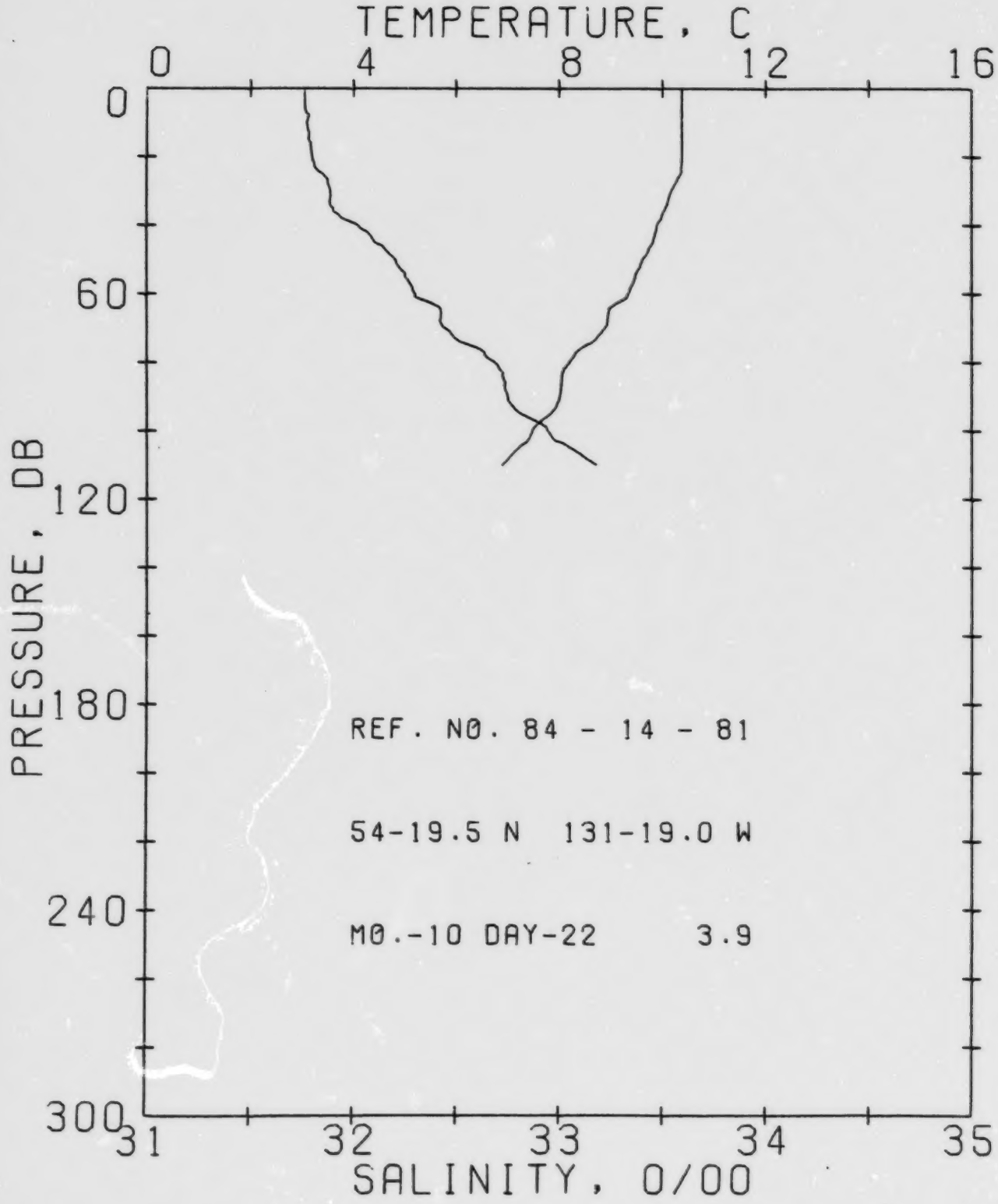
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 79 DATE 21/10/84
POSITION 54-43.0N, 130-56.0W GMT 13.8 STATION Q129
RESULTS OF STP CAST 505 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.67 | 28.00 | 0 | 21.58 | 623.1 | .00 | .00 | 1480. |
| 10 | 10.04 | 28.37 | 10 | 21.81 | 601.1 | .62 | .03 | 1482. |
| 20 | 10.53 | 29.98 | 20 | 22.98 | 489.6 | 1.18 | .12 | 1486. |
| 30 | 10.87 | 31.02 | 30 | 23.73 | 418.3 | 1.63 | .23 | 1489. |
| 50 | 10.66 | 31.51 | 50 | 24.15 | 378.9 | 2.41 | .55 | 1489. |
| 75 | 9.74 | 31.88 | 75 | 24.59 | 337.4 | 3.30 | 1.11 | 1487. |
| 100 | 7.95 | 32.58 | 99 | 25.40 | 259.7 | 4.04 | 1.77 | 1481. |
| 125 | 7.18 | 32.97 | 124 | 25.82 | 220.7 | 4.63 | 2.44 | 1479. |
| 150 | 6.89 | 33.10 | 149 | 25.96 | 207.4 | 5.16 | 3.18 | 1479. |
| 175 | 6.78 | 33.14 | 174 | 26.01 | 202.9 | 5.67 | 4.03 | 1479. |
| 200 | 6.62 | 33.22 | 199 | 26.09 | 195.5 | 6.17 | 4.98 | 1478. |
| 225 | 6.57 | 33.24 | 224 | 26.11 | 193.6 | 6.65 | 6.03 | 1479. |
| 250 | 6.54 | 33.27 | 248 | 26.14 | 191.5 | 7.13 | 7.19 | 1479. |
| 300 | 6.52 | 33.28 | 298 | 26.15 | 191.3 | 8.09 | 9.87 | 1480. |
| 400 | 6.50 | 33.30 | 397 | 26.17 | 190.8 | 9.99 | 16.67 | 1481. |
| 500 | 6.49 | 33.31 | 496 | 26.18 | 191.3 | 11.90 | 25.42 | 1483. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 80
54-43.0 N 130-51.6 W
MO.-10 DAY-21 14.4
27
29
31
33
35
SALINITY, O/OO

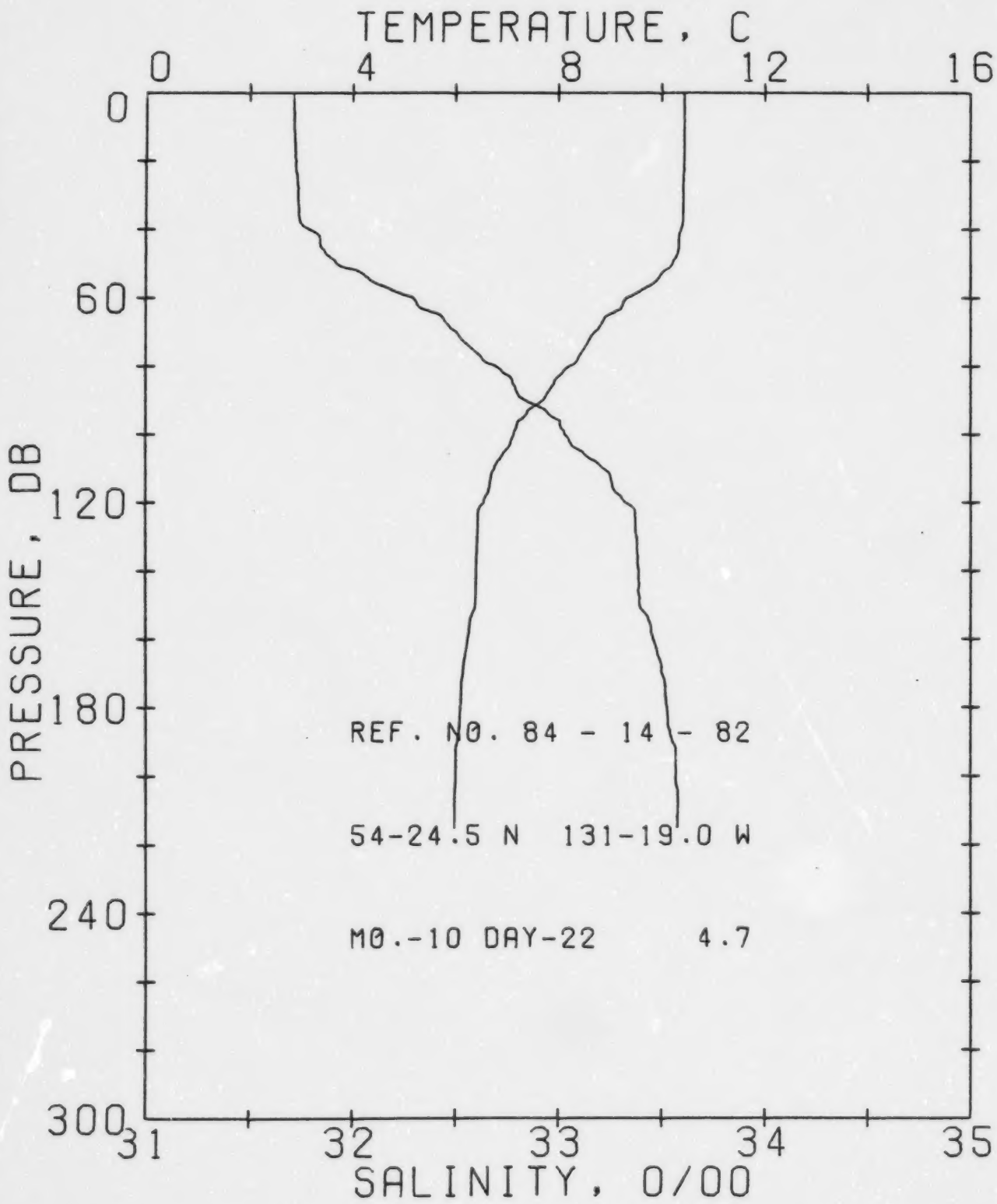
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 80 DATE 21/10/84
POSITION 54-43.0N, 130-51.6W GMT 14.4 STATION Q130
RESULTS OF STP CAST 323 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.55 | 28.40 | 0 | 21.91 | 591.6 | .00 | .00 | 1480. |
| 10 | 9.56 | 28.42 | 10 | 21.92 | 590.6 | .59 | .03 | 1481. |
| 20 | 10.14 | 28.98 | 20 | 22.27 | 558.0 | 1.17 | .12 | 1484. |
| 30 | 10.90 | 30.99 | 30 | 23.70 | 421.2 | 1.67 | .24 | 1489. |
| 50 | 10.47 | 31.65 | 50 | 24.29 | 365.3 | 2.45 | .56 | 1489. |
| 75 | 9.01 | 32.09 | 75 | 24.86 | 310.9 | 3.31 | 1.10 | 1484. |
| 100 | 7.66 | 32.62 | 99 | 25.48 | 252.6 | 4.00 | 1.72 | 1480. |
| 125 | 7.39 | 32.84 | 124 | 25.69 | 233.2 | 4.61 | 2.42 | 1480. |
| 150 | 6.78 | 33.14 | 149 | 26.01 | 203.1 | 5.14 | 3.16 | 1478. |
| 175 | 6.67 | 33.17 | 174 | 26.05 | 199.3 | 5.65 | 4.00 | 1478. |
| 200 | 6.66 | 33.17 | 199 | 26.05 | 199.4 | 6.14 | 4.95 | 1479. |
| 225 | 6.58 | 33.23 | 224 | 26.10 | 195.0 | 6.64 | 6.01 | 1479. |
| 250 | 6.54 | 33.23 | 248 | 26.11 | 194.5 | 7.12 | 7.19 | 1479. |
| 300 | 6.52 | 33.26 | 298 | 26.14 | 192.4 | 8.09 | 9.90 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 81
54-19.5 N 131-19.0 W
MO.-10 DAY-22 3.9
31
32
33
34
35
SALINITY, O/OO

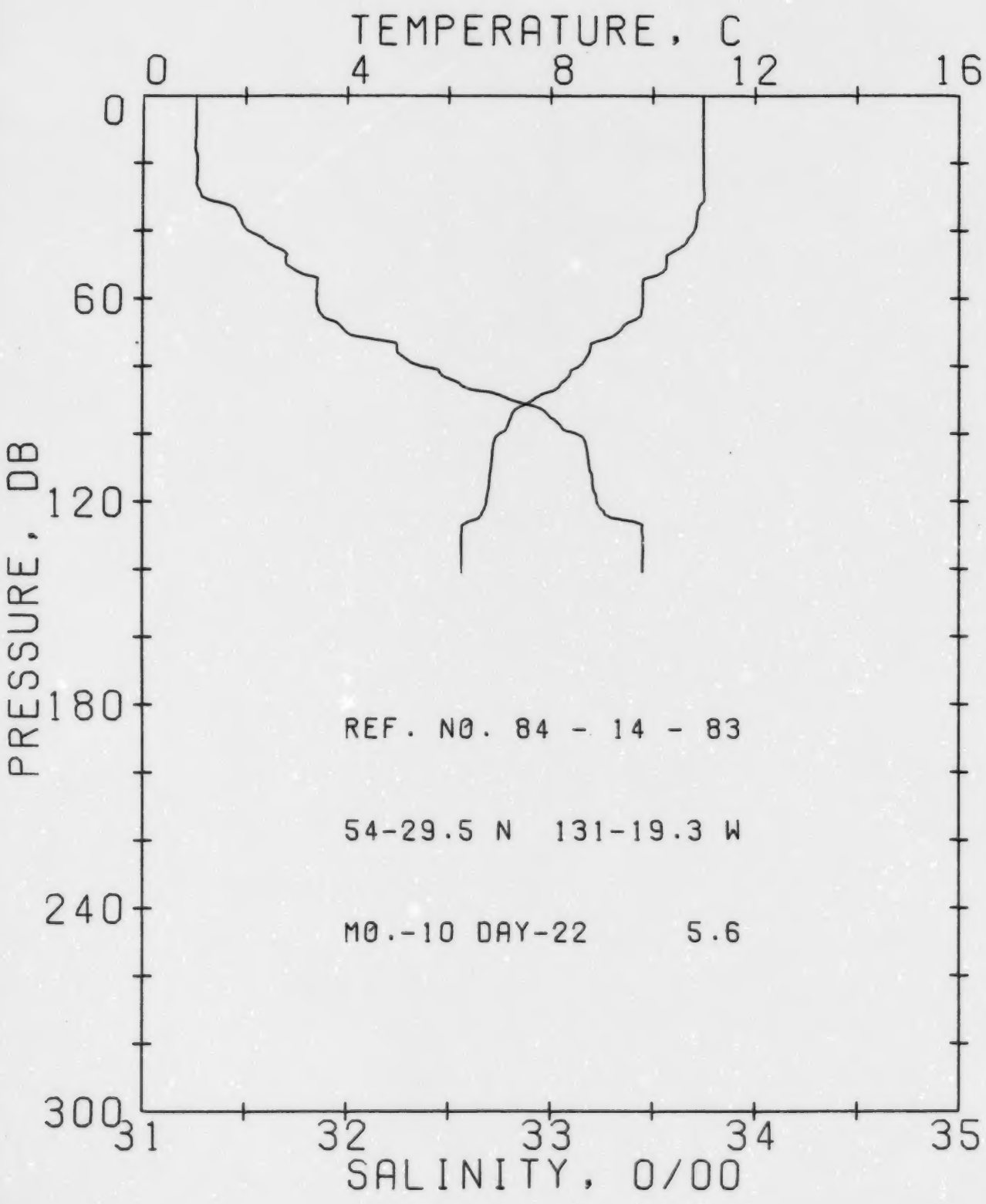
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 81 DATE 22/10/84
POSITION 54-19.5N, 131-19.0W GMT 3.9 STATION Q143
RESULTS OF STP CAST 111 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.38 | 31.76 | 0 | 24.39 | 354.9 | .00 | .00 | 1488. |
| 10 | 10.38 | 31.77 | 10 | 24.40 | 354.3 | .35 | .02 | 1488. |
| 20 | 10.38 | 31.80 | 20 | 24.42 | 352.5 | .71 | .07 | 1488. |
| 30 | 10.18 | 31.89 | 30 | 24.52 | 343.0 | 1.06 | .16 | 1488. |
| 50 | 9.62 | 32.21 | 50 | 24.86 | 311.0 | 1.72 | .43 | 1486. |
| 75 | 8.52 | 32.57 | 75 | 25.32 | 267.8 | 2.45 | .89 | 1483. |
| 100 | 7.50 | 32.95 | 99 | 25.76 | 225.9 | 3.07 | 1.44 | 1480. |


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 14 - 82
54-24.5 N 131-19.0 W
MO.-10 DAY-22 4.7
31
32
33
34
35
SALINITY, O/OO

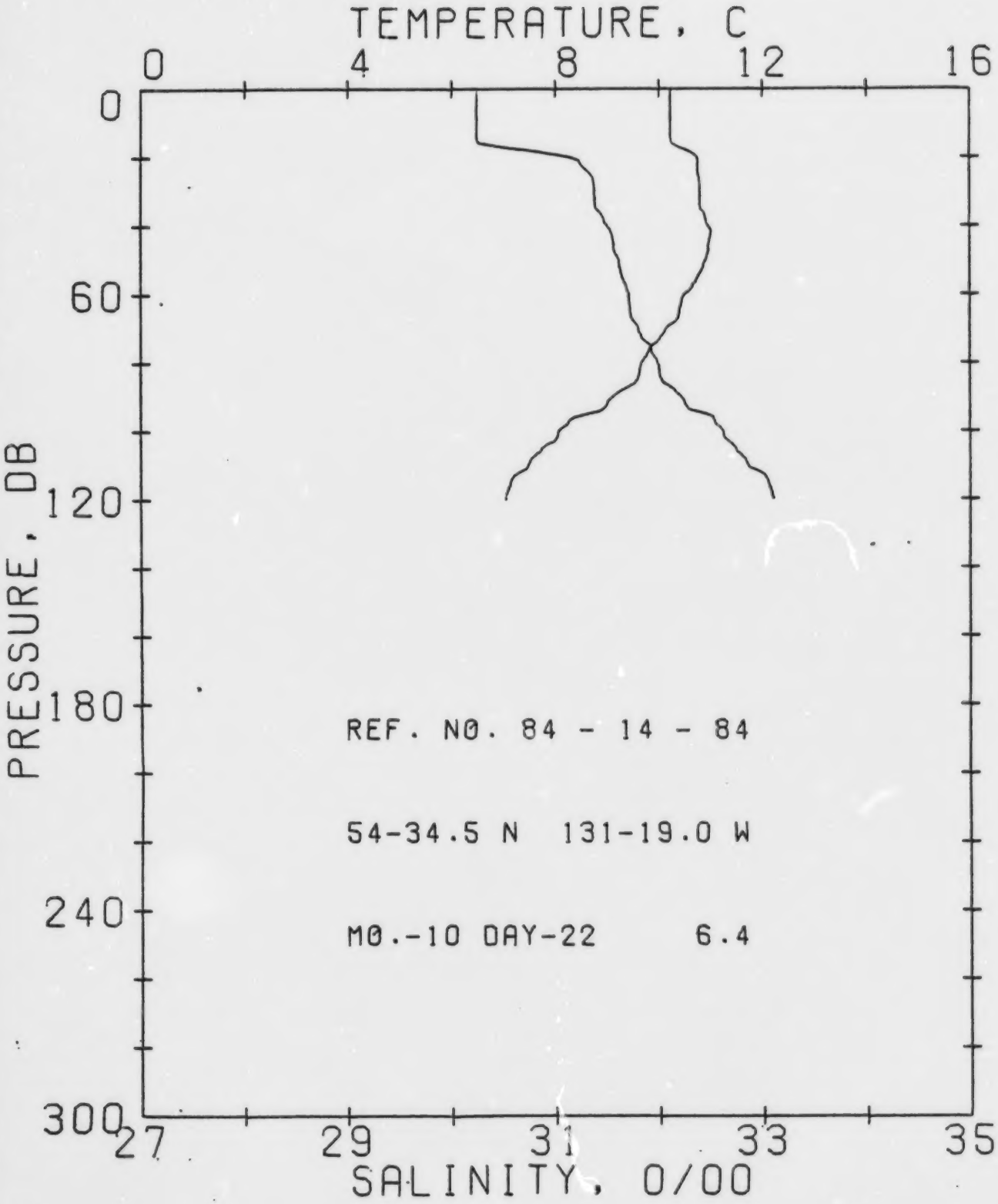
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 82 DATE 22/10/84
POSITION 54-24.5N, 131-19.0W GMT 4.7 STATION Q144
RESULTS OF STP CAST 216 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.44 | 31.71 | 0 | 24.34 | 359.6 | .00 | .00 | 1488. |
| 10 | 10.45 | 31.71 | 10 | 24.34 | 359.6 | .36 | .02 | 1488. |
| 20 | 10.44 | 31.72 | 20 | 24.35 | 359.0 | .72 | .07 | 1488. |
| 30 | 10.42 | 31.74 | 30 | 24.36 | 358.1 | 1.08 | .16 | 1488. |
| 50 | 10.22 | 31.92 | 50 | 24.54 | 341.4 | 1.78 | .45 | 1488. |
| 75 | 8.50 | 32.58 | 75 | 25.33 | 266.6 | 2.53 | .92 | 1483. |
| 100 | 7.13 | 33.03 | 99 | 25.87 | 214.9 | 3.12 | 1.45 | 1479. |
| 125 | 6.43 | 33.37 | 124 | 26.24 | 180.7 | 3.61 | 2.01 | 1477. |
| 150 | 6.38 | 33.39 | 149 | 26.26 | 178.9 | 4.06 | 2.64 | 1477. |
| 175 | 6.11 | 33.52 | 174 | 26.39 | 166.5 | 4.49 | 3.35 | 1476. |
| 200 | 6.01 | 33.57 | 199 | 26.45 | 161.8 | 4.90 | 4.13 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 83
54-29.5 N 131-19.3 W
MO.-10 DAY-22 5.6
31
32
33
34
35
SALINITY, O/OO

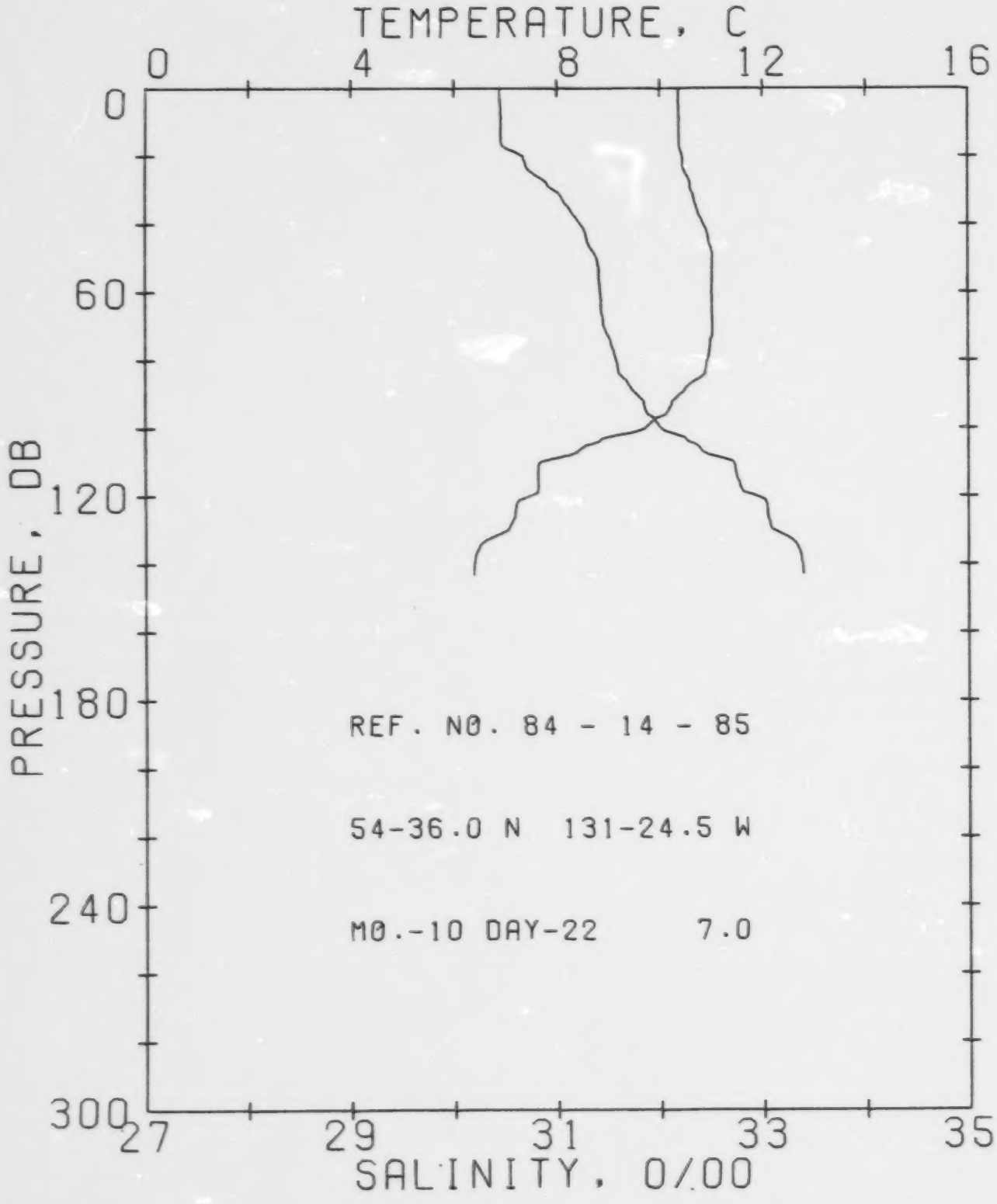
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 83 DATE 22/10/84
POSITION 54-29.5N, 131-19.3W GMT 5.6 STATION Q145
RESULTS OF STP CAST 142 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.99 | 31.26 | 0 | 23.89 | 402.1 | .00 | .00 | 1489. |
| 10 | 10.98 | 31.26 | 10 | 23.89 | 402.3 | .40 | .02 | 1489. |
| 20 | 10.99 | 31.27 | 20 | 23.90 | 401.9 | .80 | .08 | 1490. |
| 30 | 11.01 | 31.29 | 30 | 23.91 | 400.9 | 1.21 | .18 | 1490. |
| 50 | 10.27 | 31.70 | 50 | 24.36 | 358.6 | 1.96 | .49 | 1488. |
| 75 | 8.77 | 32.24 | 75 | 25.02 | 295.9 | 2.79 | 1.02 | 1484. |
| 100 | 6.98 | 33.13 | 99 | 25.97 | 205.7 | 3.42 | 1.57 | 1478. |
| 125 | 6.59 | 33.30 | 124 | 26.16 | 188.1 | 3.92 | 2.14 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 84
54-34.5 N 131-19.0 W
MO.-10 DAY-22 6.4
27
29
31
33
35
SALINITY, O/OO

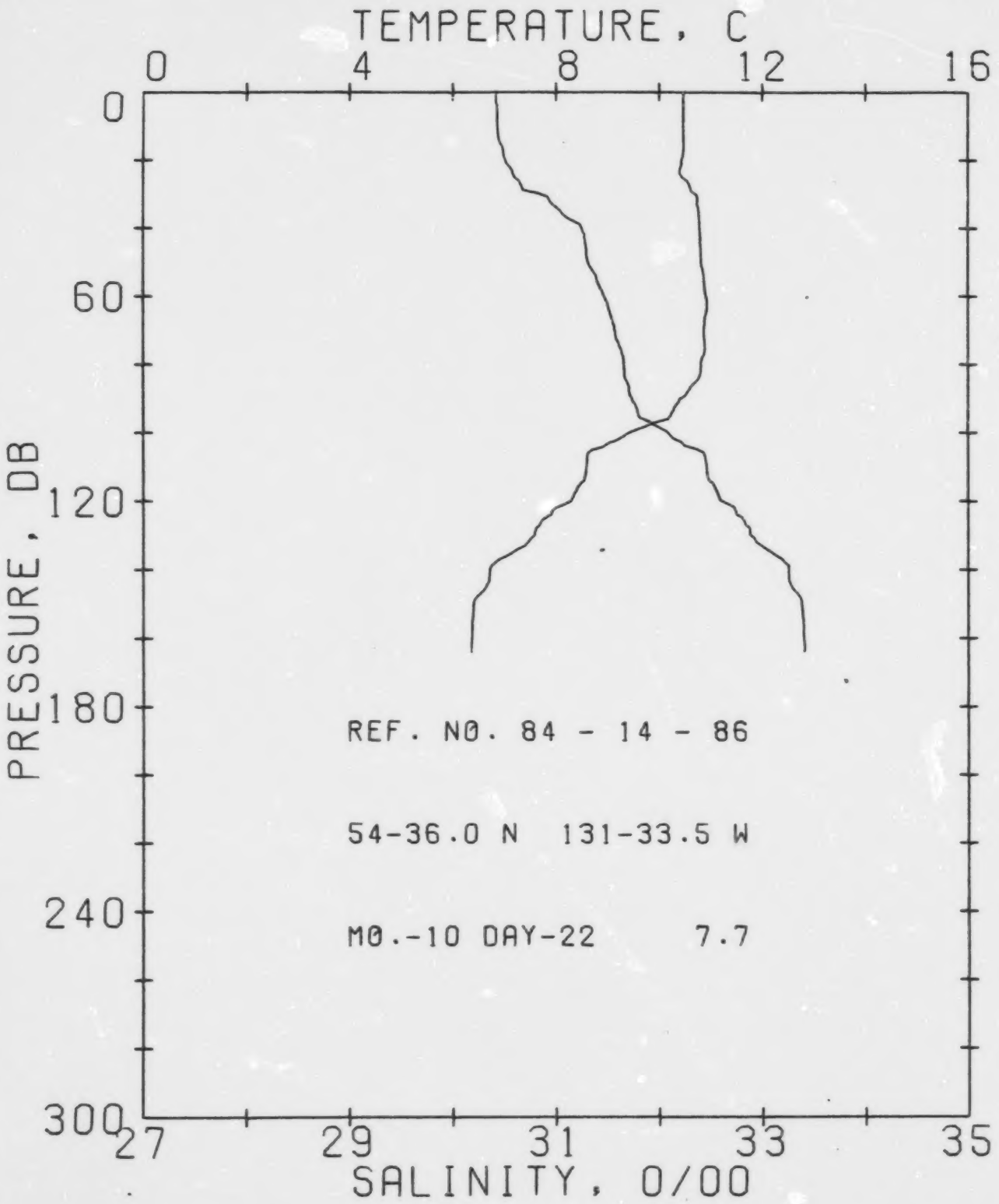
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 84 DATE 22/10/84
POSITION 54-34.5N, 131-19.0W GMT 6.4 STATION Q146
RESULTS OF STP CAST 121 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.23 | 30.25 | 0 | 23.24 | 464.7 | .00 | .00 | 1485. |
| 10 | 10.23 | 30.25 | 10 | 23.24 | 465.1 | .46 | .02 | 1485. |
| 20 | 10.75 | 31.14 | 20 | 23.84 | 407.3 | .92 | .09 | 1489. |
| 30 | 10.80 | 31.39 | 30 | 24.02 | 390.1 | 1.31 | .19 | 1489. |
| 50 | 10.90 | 31.62 | 50 | 24.19 | 375.1 | 2.08 | .51 | 1490. |
| 75 | 9.84 | 31.92 | 75 | 24.60 | 336.0 | 2.98 | 1.08 | 1487. |
| 100 | 8.06 | 32.62 | 99 | 25.42 | 258.2 | 3.75 | 1.76 | 1482. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 85
54-36.0 N 131-24.5 W
MO.-10 DAY-22 7.0
27
29
31
33
35
SALINITY, O/OO

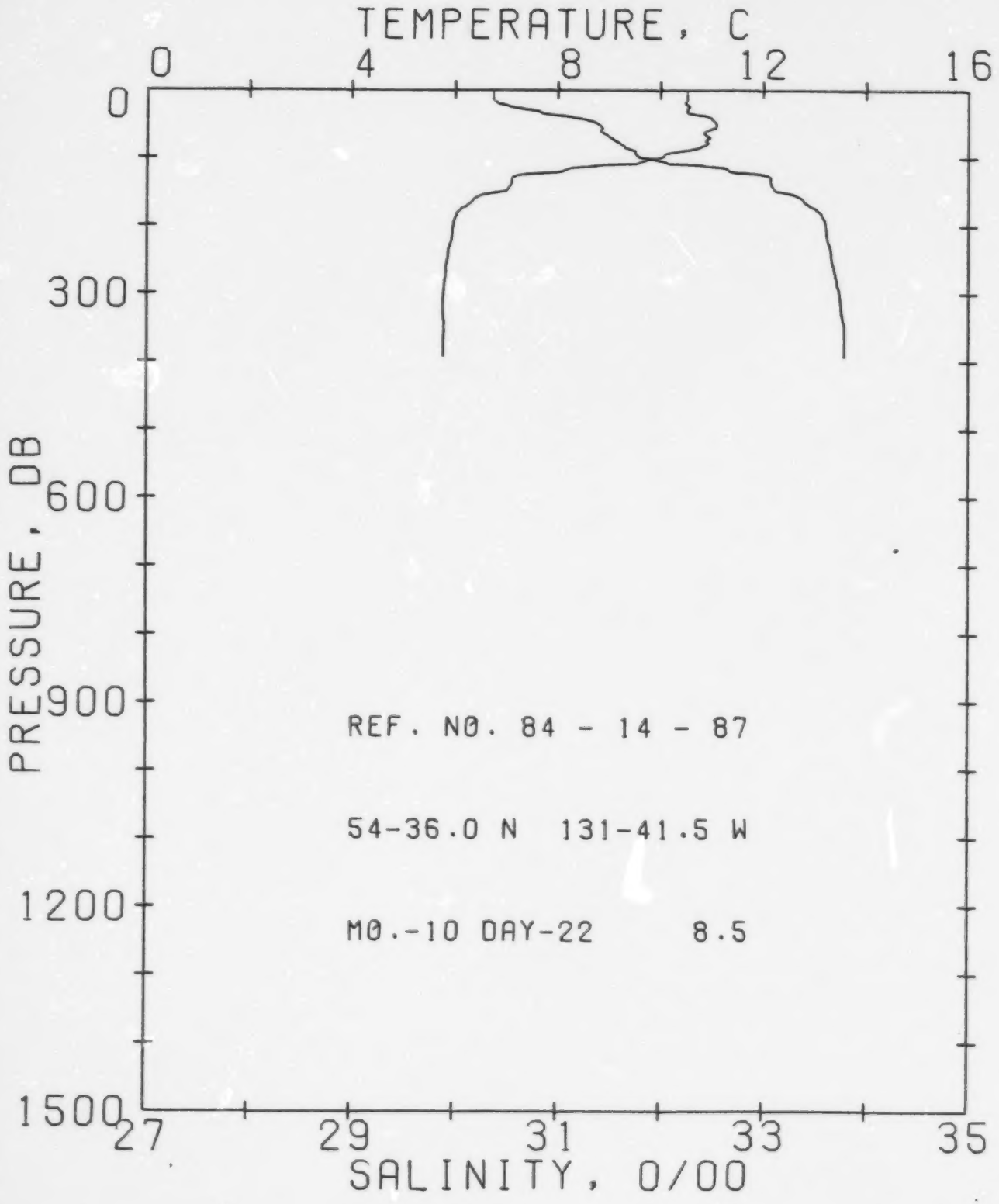
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 85 DATE 22/10/84
POSITION 54-36.0N, 131-24.5W GMT 7.0 STATION Q147
RESULTS OF STP CAST 144 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.37 | 30.45 | 0 | 23.37 | 451.9 | .00 | .00 | 1486. |
| 10 | 10.37 | 30.46 | 10 | 23.38 | 451.6 | .45 | .02 | 1486. |
| 20 | 10.44 | 30.67 | 20 | 23.53 | 436.9 | .90 | .09 | 1487. |
| 30 | 10.60 | 30.97 | 30 | 23.74 | 417.6 | 1.33 | .20 | 1488. |
| 50 | 11.02 | 31.39 | 50 | 23.99 | 393.8 | 2.14 | .53 | 1490. |
| 75 | 10.98 | 31.53 | 75 | 24.10 | 383.6 | 3.11 | 1.15 | 1491. |
| 100 | 9.72 | 32.01 | 99 | 24.69 | 328.1 | 4.02 | 1.95 | 1487. |
| 125 | 7.19 | 33.05 | 124 | 25.88 | 214.7 | 4.66 | 2.68 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 86
54-36.0 N 131-33.5 W
MO.-10 DAY-22 7.7
27
29
31
33
35
SALINITY, O/OO

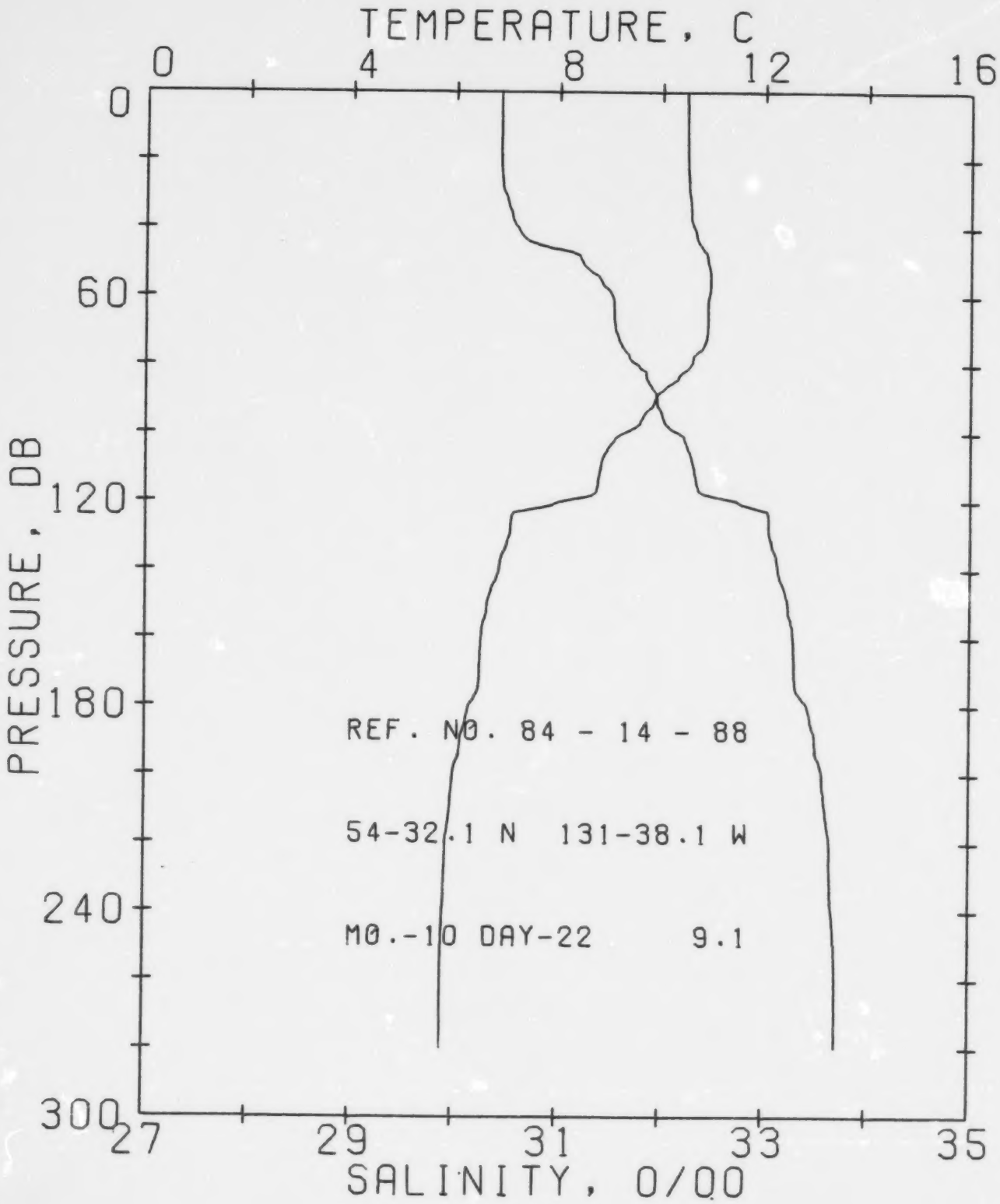
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 86 DATE 22/10/84
POSITION 54-36.0N, 131-33.5W GMT 7.7 STATION Q148
RESULTS OF STP CAST 165 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.47 | 30.42 | 0 | 23.33 | 455.6 | .00 | .00 | 1486. |
| 10 | 10.47 | 30.43 | 10 | 23.34 | 454.9 | .46 | .02 | 1486. |
| 20 | 10.43 | 30.51 | 20 | 23.41 | 448.6 | .91 | .09 | 1487. |
| 30 | 10.73 | 30.84 | 30 | 23.61 | 429.2 | 1.35 | .20 | 1488. |
| 50 | 10.81 | 31.31 | 50 | 23.96 | 396.3 | 2.16 | .53 | 1489. |
| 75 | 10.90 | 31.62 | 75 | 24.19 | 375.2 | 3.12 | 1.15 | 1491. |
| 100 | 9.42 | 32.08 | 99 | 24.79 | 317.9 | 4.02 | 1.94 | 1486. |
| 125 | 7.79 | 32.81 | 124 | 25.61 | 240.5 | 4.71 | 2.73 | 1481. |
| 150 | 6.41 | 33.38 | 149 | 26.25 | 180.0 | 5.23 | 3.45 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 87
54-36.0 N 131-41.5 W
MO.-10 DAY-22 8.5
27
29
31
33
35
SALINITY, O/OO

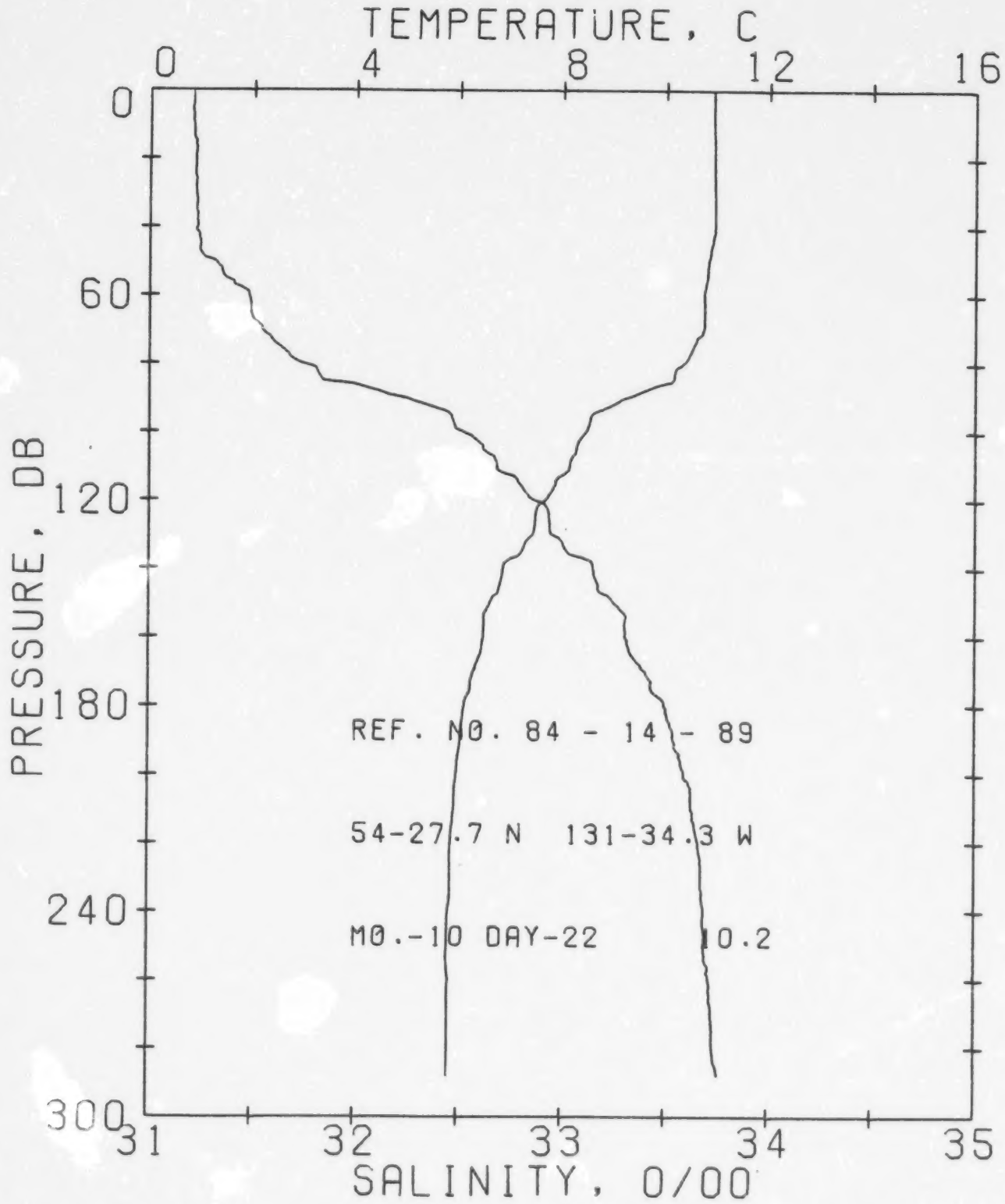
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 87 DATE 22/10/84
POSITION 54-36.0N, 131-41.5W GMT 8.5 STATION Q149
RESULTS OF STP CAST 393 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.52 | 30.37 | 0 | 23.28 | 460.3 | .00 | .00 | 1486. |
| 10 | 10.52 | 30.37 | 10 | 23.28 | 460.4 | .46 | .02 | 1487. |
| 20 | 10.47 | 30.42 | 20 | 23.33 | 455.8 | .92 | .09 | 1487. |
| 30 | 10.52 | 30.74 | 30 | 23.57 | 433.3 | 1.37 | .21 | 1487. |
| 50 | 11.09 | 31.40 | 50 | 23.98 | 394.6 | 2.19 | .54 | 1491. |
| 75 | 10.87 | 31.56 | 75 | 24.15 | 379.4 | 3.16 | 1.16 | 1490. |
| 100 | 9.99 | 31.82 | 99 | 24.50 | 346.0 | 4.07 | 1.97 | 1488. |
| 125 | 7.27 | 33.01 | 124 | 25.84 | 218.5 | 4.78 | 2.78 | 1480. |
| 150 | 6.93 | 33.16 | 149 | 26.01 | 203.0 | 5.31 | 3.51 | 1479. |
| 175 | 6.11 | 33.52 | 174 | 26.39 | 166.4 | 5.76 | 4.26 | 1476. |
| 200 | 5.96 | 33.61 | 199 | 26.48 | 158.2 | 6.16 | 5.03 | 1476. |
| 225 | 5.92 | 33.63 | 224 | 26.51 | 156.2 | 6.55 | 5.88 | 1477. |
| 250 | 5.85 | 33.67 | 248 | 26.54 | 153.3 | 6.94 | 6.81 | 1477. |
| 300 | 5.78 | 33.74 | 298 | 26.61 | 147.3 | 7.69 | 8.91 | 1477. |
| 400 | 5.76 | 33.80 | 397 | 26.66 | 144.1 | 9.15 | 14.10 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 88
54-32.1 N 131-38.1 W
MO.-10 DAY-22 9.1
27
29
31
33
35
SALINITY, O/OO

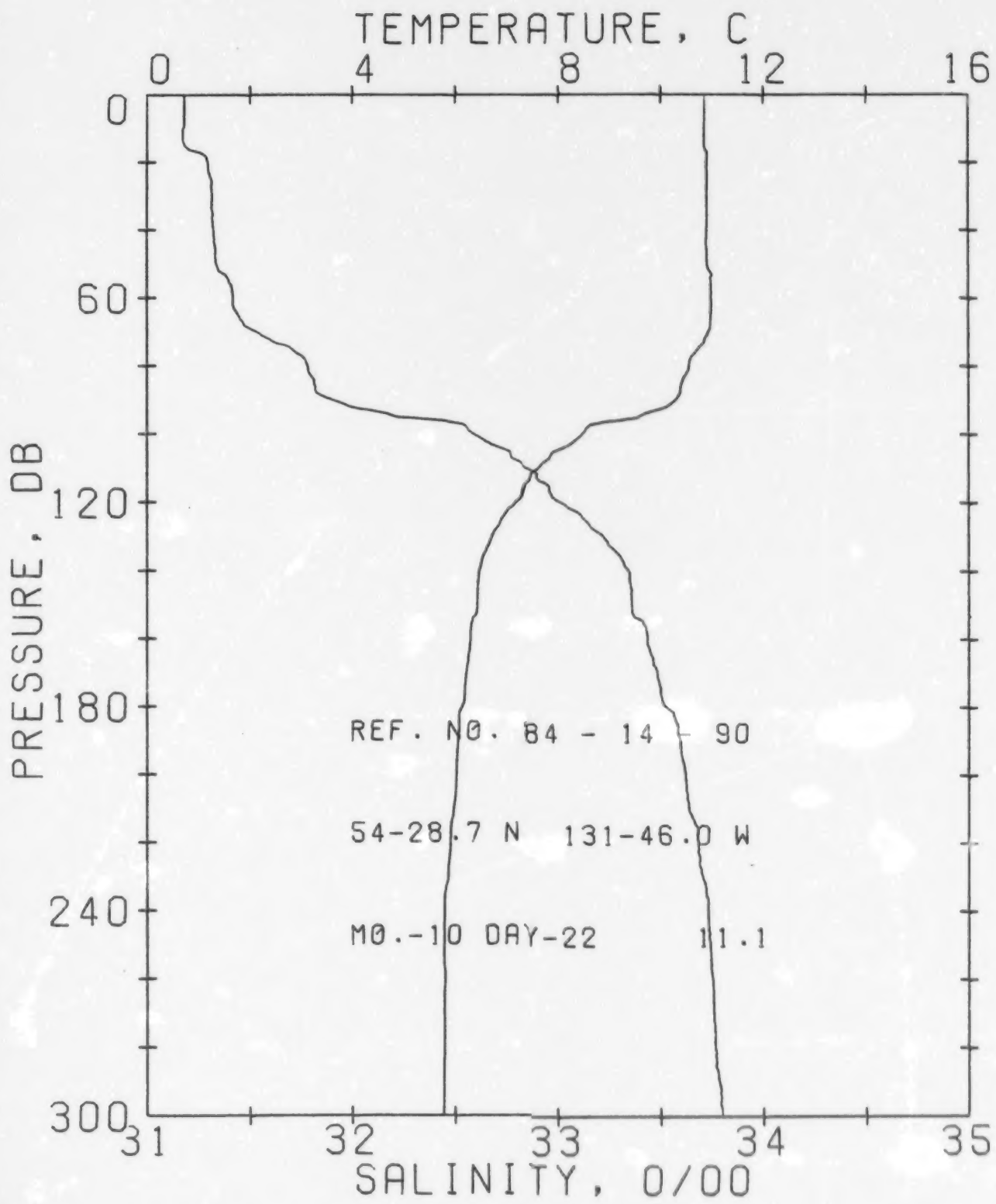
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 88 DATE 22/10/84
POSITION 54-32.1N, 131-38.1W GMT 9.1 STATION Q150
RESULTS OF STP CAST 281 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.48 | 30.43 | 0 | 23.34 | 454.8 | .00 | .00 | 1486. |
| 10 | 10.48 | 30.43 | 10 | 23.34 | 454.9 | .45 | .02 | 1486. |
| 20 | 10.49 | 30.44 | 20 | 23.34 | 455.2 | .91 | .09 | 1487. |
| 30 | 10.53 | 30.48 | 30 | 23.37 | 452.6 | 1.36 | .21 | 1487. |
| 50 | 10.89 | 31.23 | 50 | 23.89 | 403.6 | 2.24 | .56 | 1490. |
| 75 | 10.80 | 31.62 | 75 | 24.21 | 373.3 | 3.20 | 1.18 | 1490. |
| 100 | 9.24 | 32.17 | 99 | 24.89 | 308.8 | 4.06 | 1.93 | 1486. |
| 125 | 7.10 | 33.04 | 124 | 25.89 | 214.1 | 4.75 | 2.73 | 1479. |
| 150 | 6.64 | 33.23 | 149 | 26.10 | 194.2 | 5.27 | 3.45 | 1478. |
| 175 | 6.48 | 33.31 | 174 | 26.18 | 186.3 | 5.74 | 4.23 | 1478. |
| 200 | 5.99 | 33.57 | 199 | 26.45 | 161.3 | 6.17 | 5.05 | 1476. |
| 225 | 5.84 | 33.65 | 224 | 26.53 | 153.9 | 6.56 | 5.90 | 1476. |
| 250 | 5.78 | 33.71 | 248 | 26.58 | 149.6 | 6.94 | 6.82 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 89
54-27.7 N 131-34.3 W
MO.-10 DAY-22 10.2
31
32
33
34
35
SALINITY, O/OO

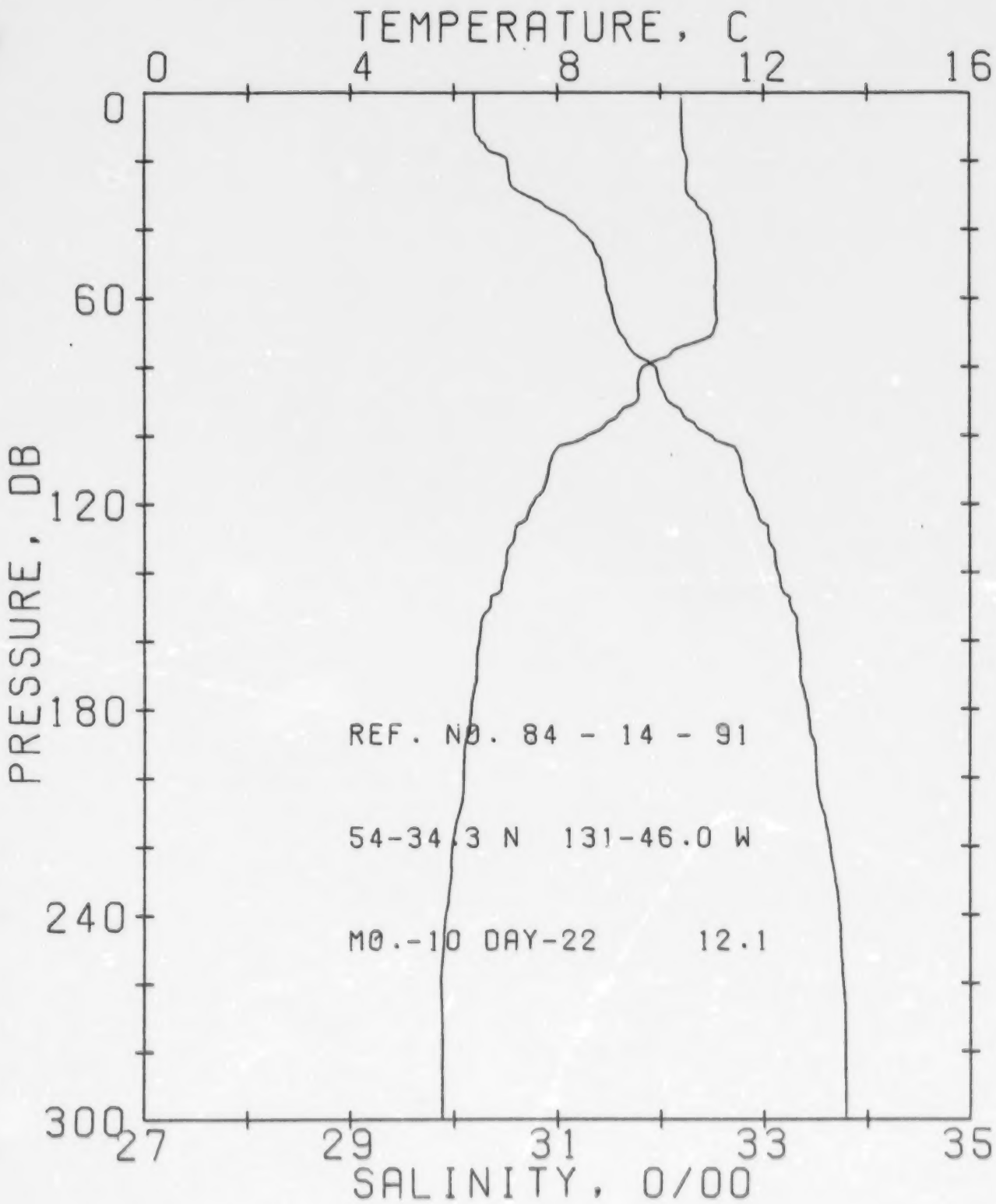
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 89 DATE 22/10/84
POSITION 54-27.7N, 131-34.3W GMT 10.2 STATION QD3E
RESULTS OF STP CAST 289 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.92 | 31.21 | 0 | 23.87 | 404.8 | .00 | .00 | 1489. |
| 10 | 10.92 | 31.21 | 10 | 23.87 | 404.7 | .40 | .02 | 1489. |
| 20 | 10.93 | 31.22 | 20 | 23.87 | 404.5 | .81 | .08 | 1489. |
| 30 | 10.94 | 31.22 | 30 | 23.87 | 404.5 | 1.21 | .19 | 1489. |
| 50 | 10.83 | 31.32 | 50 | 23.97 | 395.7 | 2.02 | .51 | 1490. |
| 75 | 10.54 | 31.63 | 75 | 24.26 | 368.4 | 2.98 | 1.12 | 1489. |
| 100 | 8.45 | 32.52 | 99 | 25.29 | 271.0 | 3.78 | 1.83 | 1483. |
| 125 | 7.48 | 32.94 | 124 | 25.75 | 227.0 | 4.40 | 2.54 | 1480. |
| 150 | 6.61 | 33.25 | 149 | 26.12 | 192.3 | 4.92 | 3.27 | 1478. |
| 175 | 6.23 | 33.43 | 174 | 26.31 | 174.6 | 5.38 | 4.03 | 1477. |
| 200 | 5.97 | 33.59 | 199 | 26.47 | 159.6 | 5.80 | 4.82 | 1476. |
| 225 | 5.85 | 33.68 | 224 | 26.55 | 152.0 | 6.18 | 5.66 | 1476. |
| 250 | 5.80 | 33.69 | 248 | 26.57 | 150.8 | 6.56 | 6.58 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 90
54-28.7 N 131-46.0 W
MO.-10 DAY-22 11.1
31
32
33
34
35
SALINITY, O/OO

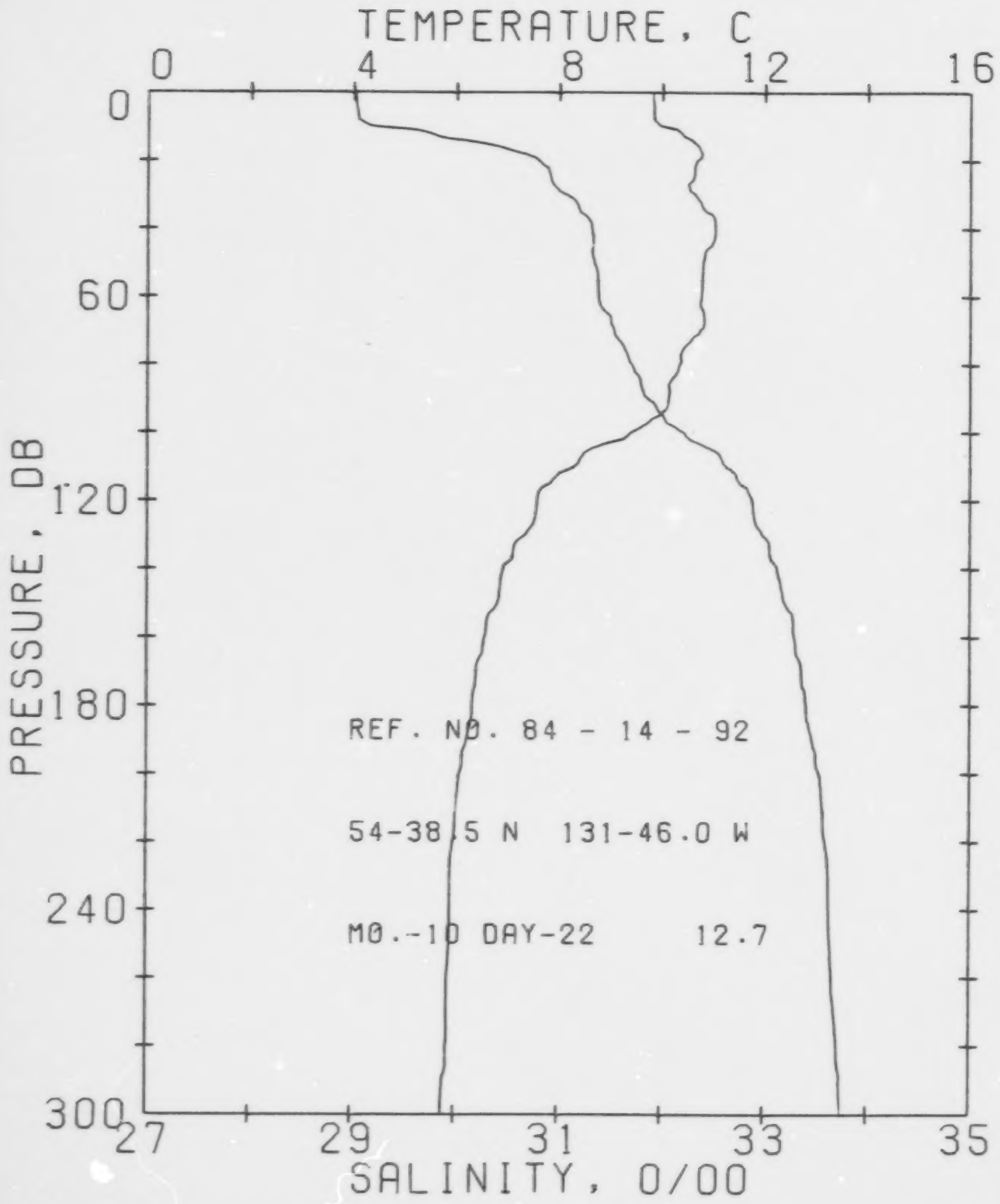
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 90 DATE 22/10/84
POSITION 54-28.7N, 131-46.0W GMT 11.1 STATION Q116
RESULTS OF STP CAST 339 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.87 | 31.18 | 0 | 23.85 | 405.9 | .00 | .00 | 1489. |
| 10 | 10.86 | 31.17 | 10 | 23.85 | 406.4 | .41 | .02 | 1489. |
| 20 | 10.90 | 31.30 | 20 | 23.94 | 398.2 | .81 | .08 | 1489. |
| 30 | 10.90 | 31.32 | 30 | 23.95 | 397.0 | 1.21 | .18 | 1489. |
| 50 | 10.92 | 31.34 | 50 | 23.97 | 396.1 | 2.00 | .51 | 1490. |
| 75 | 10.70 | 31.70 | 75 | 24.29 | 365.8 | 2.97 | 1.12 | 1490. |
| 100 | 8.45 | 32.59 | 99 | 25.34 | 265.8 | 3.81 | 1.86 | 1483. |
| 125 | 6.90 | 33.13 | 124 | 25.99 | 204.5 | 4.38 | 2.52 | 1478. |
| 150 | 6.42 | 33.36 | 149 | 26.23 | 182.1 | 4.86 | 3.18 | 1477. |
| 175 | 6.18 | 33.50 | 174 | 26.37 | 169.1 | 5.29 | 3.90 | 1477. |
| 200 | 6.02 | 33.62 | 199 | 26.48 | 158.5 | 5.70 | 4.68 | 1477. |
| 225 | 5.88 | 33.69 | 223 | 26.55 | 151.9 | 6.08 | 5.51 | 1477. |
| 250 | 5.78 | 33.74 | 248 | 26.61 | 147.1 | 6.46 | 6.41 | 1477. |
| 300 | 5.77 | 33.80 | 298 | 26.66 | 143.0 | 7.18 | 8.45 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 91
54-34.3 N 131-46.0 W
MO.-10 DAY-22 12.1
27
29
31
33
35
SALINITY, O/OO

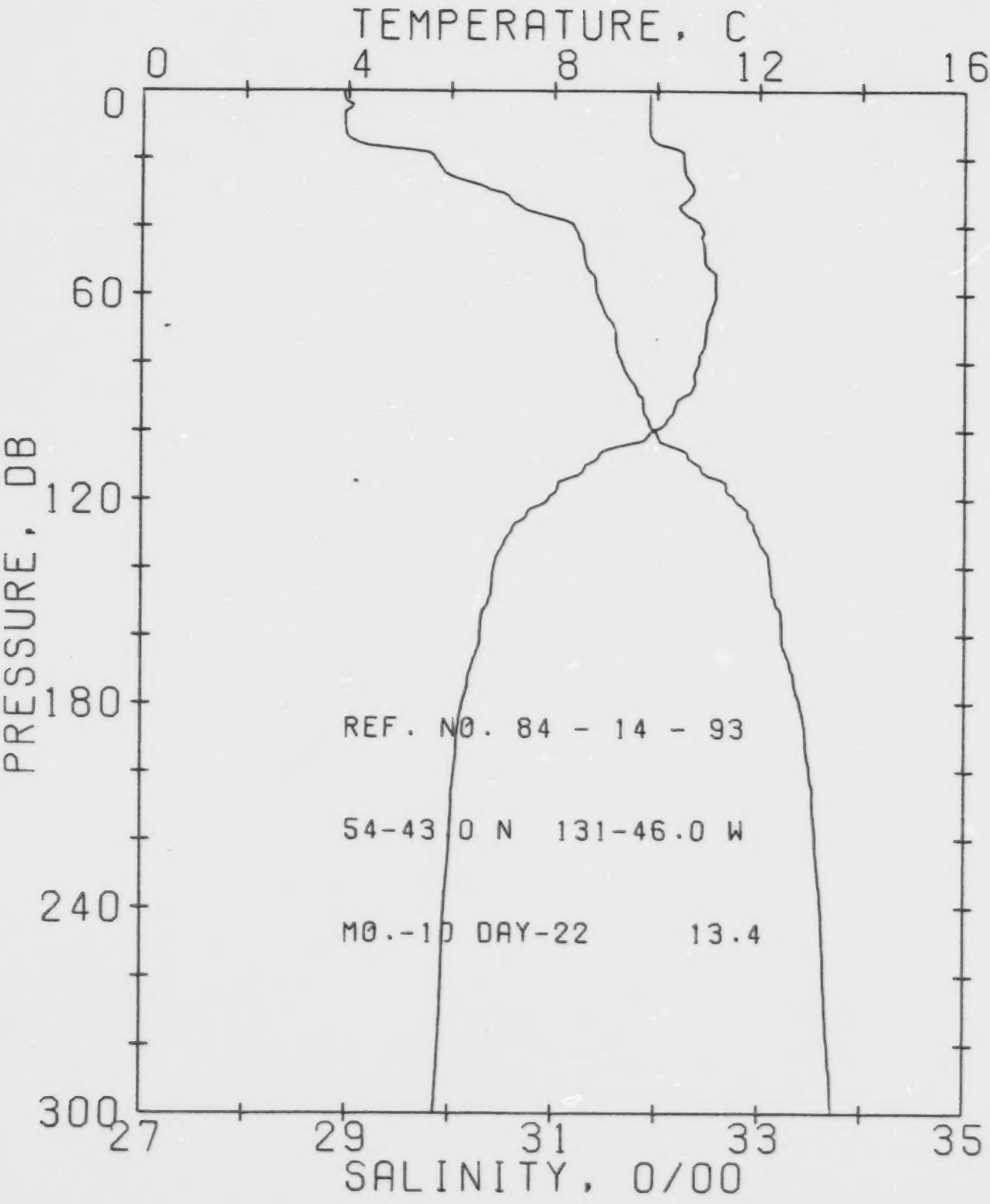
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 91 DATE 22/10/84
POSITION 54-34.3N, 131-46.0W GMT 12.1 STATION Q117
RESULTS OF STP CAST 355 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.42 | 30.20 | 0 | 23.17 | 471.4 | .00 | .00 | 1486. |
| 10 | 10.42 | 30.20 | 10 | 23.17 | 471.4 | .47 | .02 | 1486. |
| 20 | 10.52 | 30.52 | 20 | 23.40 | 449.6 | .93 | .09 | 1487. |
| 30 | 10.55 | 30.69 | 30 | 23.53 | 437.3 | 1.38 | .21 | 1487. |
| 50 | 11.09 | 31.43 | 50 | 24.01 | 392.1 | 2.20 | .54 | 1491. |
| 75 | 10.24 | 31.71 | 75 | 24.37 | 358.1 | 3.16 | 1.15 | 1488. |
| 100 | 8.55 | 32.50 | 99 | 25.25 | 274.2 | 3.96 | 1.86 | 1483. |
| 125 | 7.36 | 32.97 | 124 | 25.80 | 222.7 | 4.56 | 2.54 | 1480. |
| 150 | 6.70 | 33.26 | 149 | 26.11 | 193.2 | 5.07 | 3.27 | 1478. |
| 175 | 6.36 | 33.39 | 174 | 26.26 | 179.6 | 5.54 | 4.03 | 1477. |
| 200 | 6.17 | 33.51 | 199 | 26.38 | 168.3 | 5.97 | 4.86 | 1477. |
| 225 | 5.93 | 33.66 | 224 | 26.53 | 154.3 | 6.37 | 5.73 | 1477. |
| 250 | 5.78 | 33.74 | 248 | 26.61 | 146.8 | 6.75 | 6.63 | 1477. |
| 300 | 5.77 | 33.79 | 298 | 26.65 | 143.6 | 7.47 | 8.65 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 92
54-38.5 N 131-46.0 W
MO.-10 DAY-22 12.7
27
29
31
33
35
SALINITY, O/OO

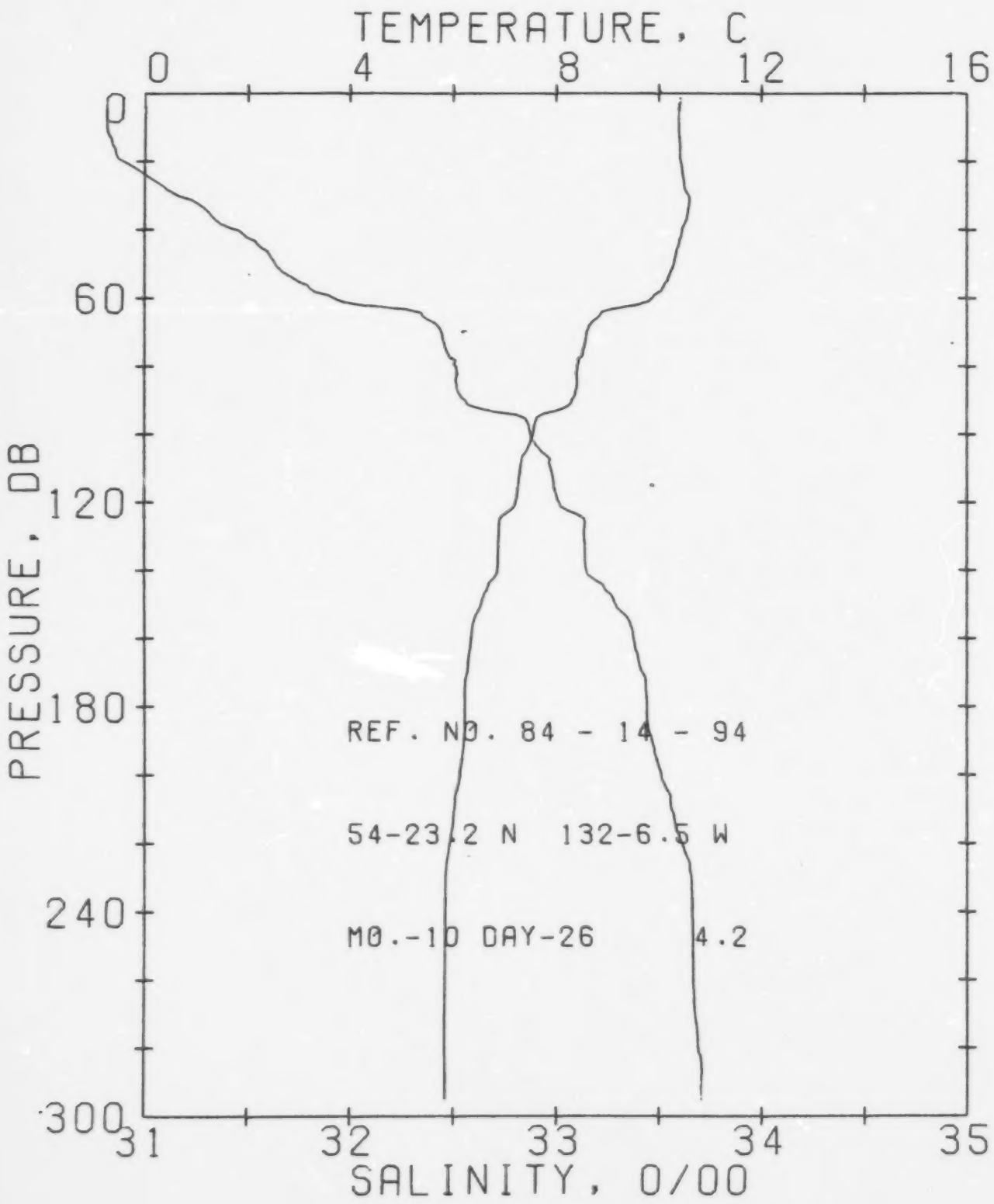
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 92 DATE 22/10/84
POSITION 54-38.5N, 131-46.0W GMT 12.7 STATION Q118
RESULTS OF STP CAST 379 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.83 | 29.01 | 0 | 22.34 | 550.2 | .00 | .00 | 1482. |
| 10 | 9.99 | 29.17 | 10 | 22.44 | 541.5 | .55 | .03 | 1483. |
| 20 | 10.68 | 30.80 | 20 | 23.59 | 431.5 | 1.02 | .10 | 1488. |
| 30 | 10.65 | 31.07 | 30 | 23.80 | 411.3 | 1.44 | .21 | 1488. |
| 50 | 10.80 | 31.34 | 50 | 23.99 | 394.1 | 2.25 | .53 | 1489. |
| 75 | 10.43 | 31.63 | 75 | 24.28 | 366.8 | 3.21 | 1.15 | 1489. |
| 100 | 9.39 | 32.22 | 99 | 24.91 | 307.3 | 4.07 | 1.91 | 1486. |
| 125 | 7.53 | 32.90 | 124 | 25.71 | 230.5 | 4.71 | 2.64 | 1480. |
| 150 | 6.81 | 33.20 | 149 | 26.05 | 199.1 | 5.24 | 3.38 | 1478. |
| 175 | 6.36 | 33.38 | 174 | 26.25 | 179.7 | 5.71 | 4.16 | 1477. |
| 200 | 6.08 | 33.54 | 199 | 26.41 | 165.2 | 6.14 | 4.98 | 1477. |
| 225 | 5.91 | 33.62 | 224 | 26.50 | 157.2 | 6.55 | 5.86 | 1477. |
| 250 | 5.89 | 33.64 | 248 | 26.52 | 155.4 | 6.94 | 6.80 | 1477. |
| 300 | 5.75 | 33.75 | 298 | 26.62 | 146.7 | 7.69 | 8.92 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 93
54-43.0 N 131-46.0 W
MO.-1D DAY-22 13.4
27
29
31
33
35
SALINITY, O/OO

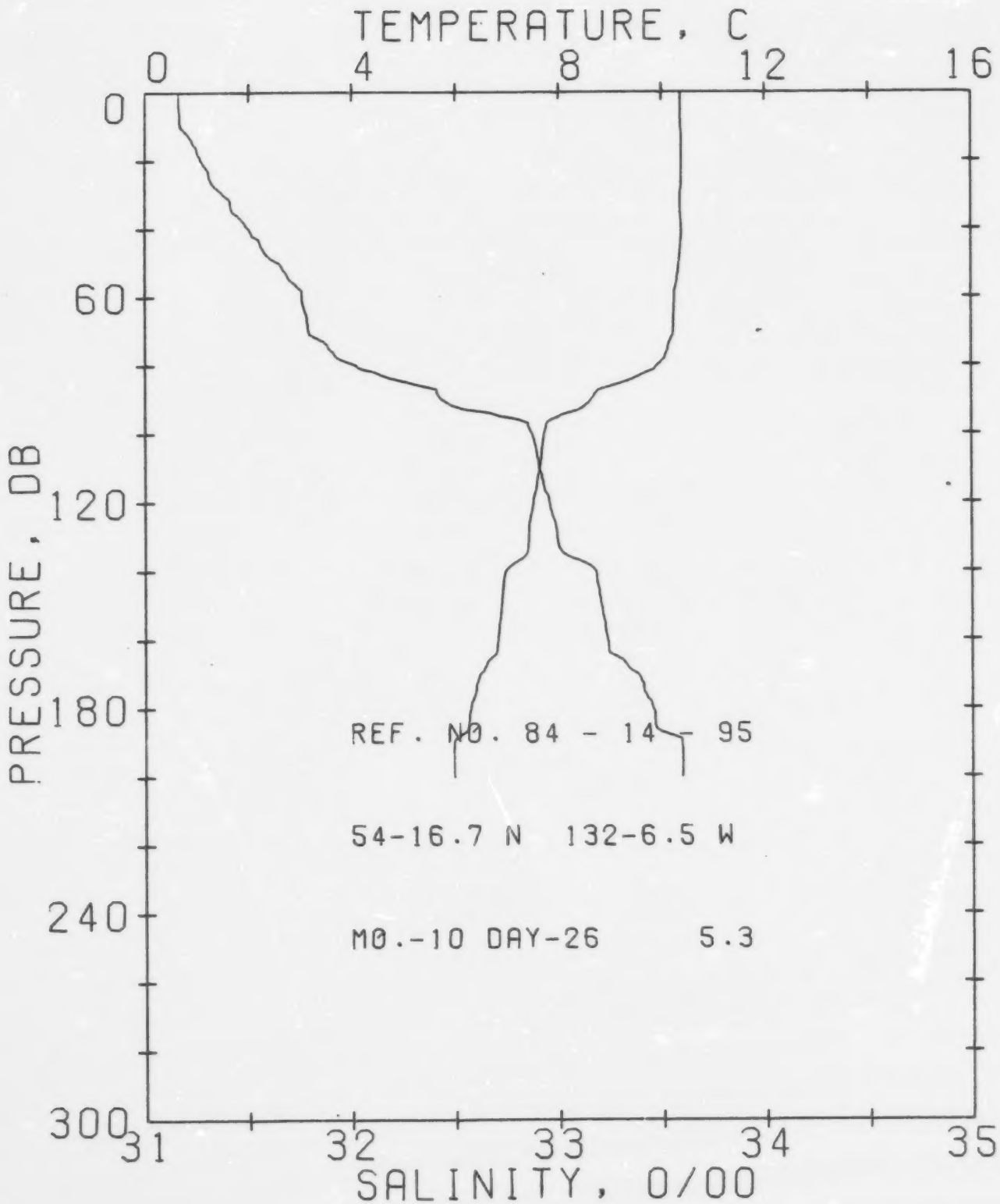
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 93 DATE 22/10/84
POSITION 54-43.0N, 131-46.0W GMT 13.4 STATION Q121
RESULTS OF STP CAST 380 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.87 | 28.96 | 0 | 22.29 | 555.0 | .00 | .00 | 1482. |
| 10 | 9.86 | 28.96 | 10 | 22.30 | 554.4 | .55 | .03 | 1482. |
| 20 | 10.52 | 29.84 | 20 | 22.87 | 499.9 | 1.09 | .11 | 1486. |
| 30 | 10.72 | 30.50 | 30 | 23.36 | 453.9 | 1.57 | .23 | 1488. |
| 50 | 10.94 | 31.30 | 50 | 23.93 | 399.2 | 2.41 | .57 | 1490. |
| 75 | 10.94 | 31.61 | 75 | 24.17 | 376.8 | 3.38 | 1.19 | 1491. |
| 100 | 9.92 | 31.99 | 100 | 24.64 | 332.7 | 4.27 | 1.98 | 1488. |
| 125 | 7.46 | 32.88 | 124 | 25.71 | 230.6 | 4.96 | 2.77 | 1480. |
| 150 | 6.73 | 33.15 | 149 | 26.03 | 201.1 | 5.49 | 3.50 | 1478. |
| 175 | 6.33 | 33.34 | 174 | 26.23 | 182.3 | 5.97 | 4.30 | 1477. |
| 200 | 6.08 | 33.49 | 199 | 26.37 | 168.6 | 6.40 | 5.13 | 1477. |
| 225 | 5.98 | 33.56 | 224 | 26.44 | 162.3 | 6.81 | 6.02 | 1477. |
| 250 | 5.87 | 33.62 | 248 | 26.50 | 156.8 | 7.21 | 6.98 | 1477. |
| 300 | 5.71 | 33.72 | 298 | 26.60 | 148.2 | 7.98 | 9.12 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 94
54-23.2 N 132-6.5 W
MO.-1O DAY-26 4.2
31
32
33
34
35
SALINITY, O/OO

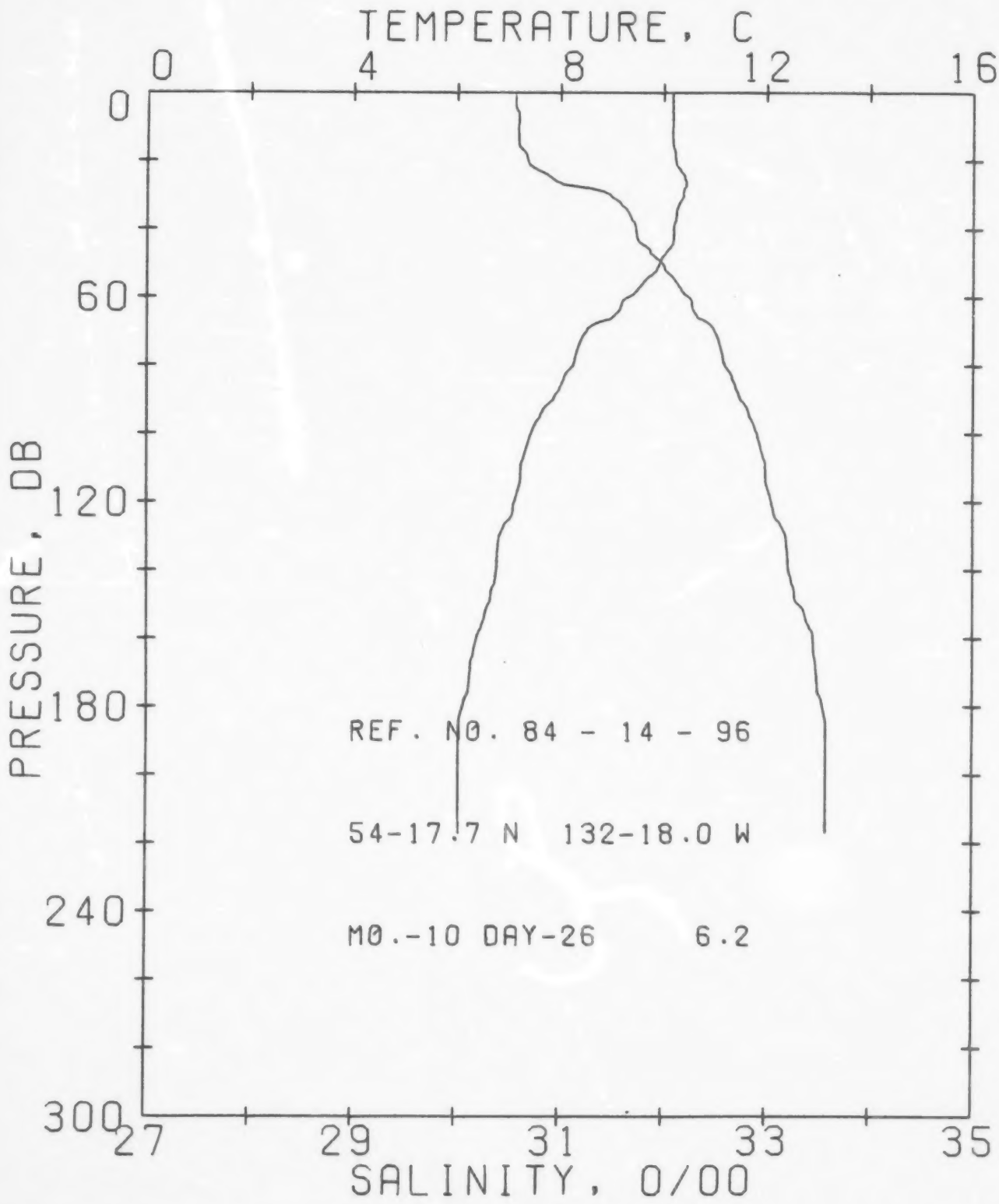
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 94 DATE 26/10/84
POSITION 54-23.2N, 132- 6.5W GMT 4.2 STATION Q 58
RESULTS OF STP CAST 293 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.39 | 44.48 | 0 | 34.32 | -582.0 | .00 | .00 | 1504. |
| 10 | 10.39 | 30.81 | 10 | 23.65 | 425.4 | .10 | .02 | 1487. |
| 20 | 10.43 | 30.90 | 20 | 23.71 | 420.0 | .52 | .08 | 1487. |
| 30 | 10.59 | 31.16 | 30 | 23.89 | 403.5 | .93 | .19 | 1488. |
| 50 | 10.29 | 31.63 | 50 | 24.30 | 364.2 | 1.70 | .50 | 1488. |
| 75 | 8.52 | 32.46 | 75 | 25.23 | 276.0 | 2.48 | .99 | 1483. |
| 100 | 7.53 | 32.87 | 99 | 25.69 | 232.1 | 3.13 | 1.57 | 1480. |
| 125 | 6.89 | 33.14 | 124 | 25.99 | 204.1 | 3.69 | 2.20 | 1478. |
| 150 | 6.54 | 33.29 | 149 | 26.16 | 188.8 | 4.19 | 2.90 | 1477. |
| 175 | 6.23 | 33.44 | 174 | 26.31 | 174.2 | 4.64 | 3.64 | 1477. |
| 200 | 6.14 | 33.51 | 199 | 26.38 | 167.8 | 5.07 | 4.47 | 1477. |
| 225 | 5.88 | 33.65 | 223 | 26.52 | 154.8 | 5.47 | 5.34 | 1476. |
| 250 | 5.84 | 33.66 | 248 | 26.54 | 153.2 | 5.85 | 6.27 | 1477. |
| 300 | 5.84 | 33.71 | 298 | 26.58 | 150.2 | 6.61 | 8.39 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 95
54-16.7 N 132-6.5 W
MO.-10 DAY-26 5.3
31
32
33
34
35
SALINITY, O/OO

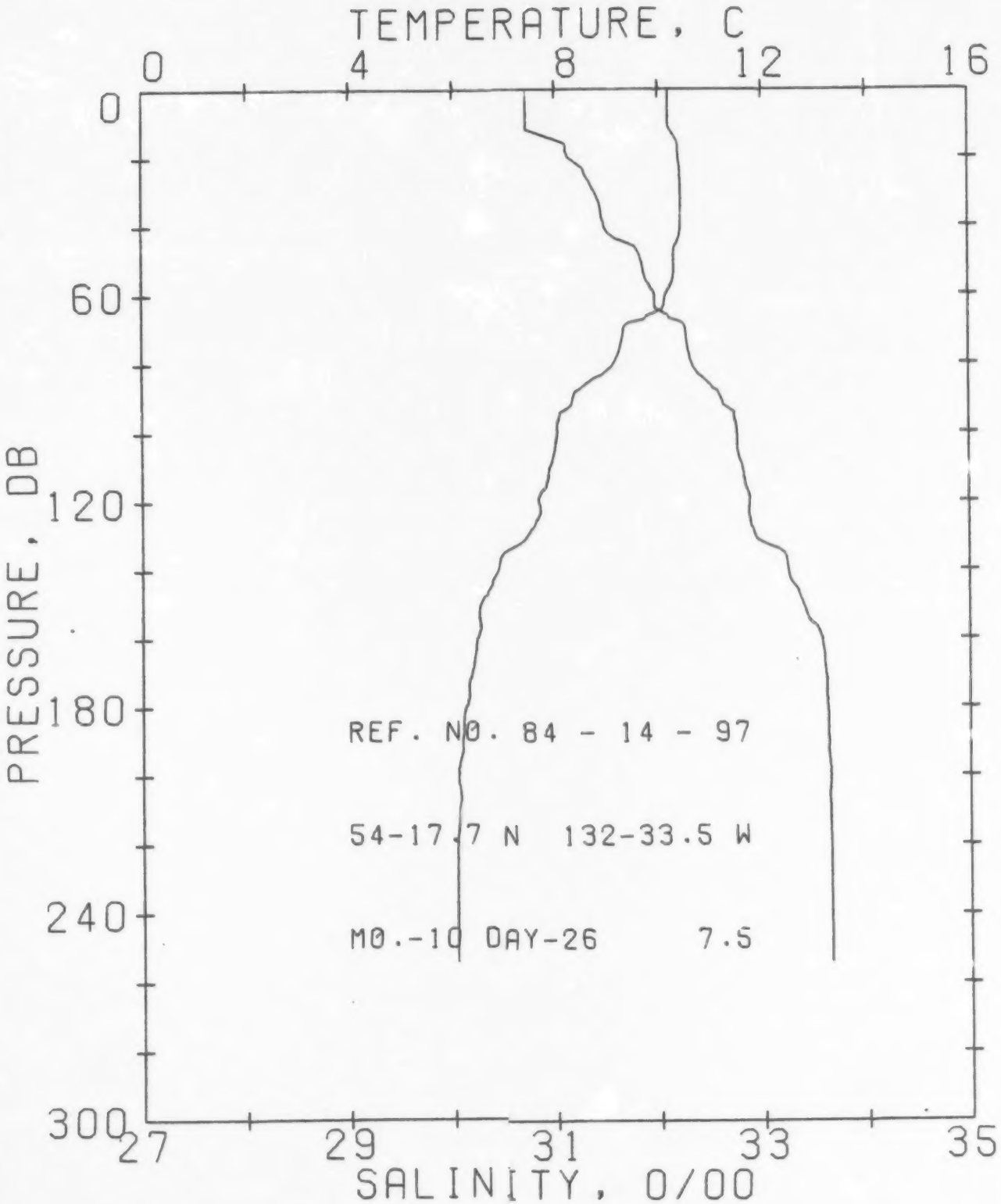
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 95 DATE 26/10/84
POSITION 54-16.7N, 132- 6.5W GMT 5.3 STATION Q 59
RESULTS OF STP CAST 201 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.37 | 31.16 | 0 | 23.92 | 399.1 | .00 | .00 | 1487. |
| 10 | 10.37 | 31.17 | 10 | 23.93 | 398.7 | .40 | .02 | 1487. |
| 20 | 10.39 | 31.27 | 20 | 24.01 | 391.8 | .79 | .08 | 1487. |
| 30 | 10.37 | 31.38 | 30 | 24.10 | 383.4 | 1.18 | .18 | 1488. |
| 50 | 10.34 | 31.65 | 50 | 24.31 | 363.4 | 1.93 | .48 | 1488. |
| 75 | 10.12 | 31.89 | 75 | 24.53 | 342.7 | 2.82 | 1.05 | 1488. |
| 100 | 7.71 | 32.87 | 99 | 25.67 | 234.5 | 3.54 | 1.69 | 1481. |
| 125 | 7.45 | 32.98 | 124 | 25.79 | 223.4 | 4.11 | 2.34 | 1480. |
| 150 | 6.89 | 33.21 | 149 | 26.04 | 199.4 | 4.64 | 3.08 | 1479. |
| 175 | 6.39 | 33.41 | 174 | 26.27 | 178.0 | 5.12 | 3.87 | 1477. |
| 200 | 5.96 | 33.60 | 199 | 26.47 | 159.3 | 5.53 | 4.66 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 96
54-17.7 N 132-18.0 W
MO.-10 DAY-26 6.2
27
29
31
33
35
SALINITY, O/OO

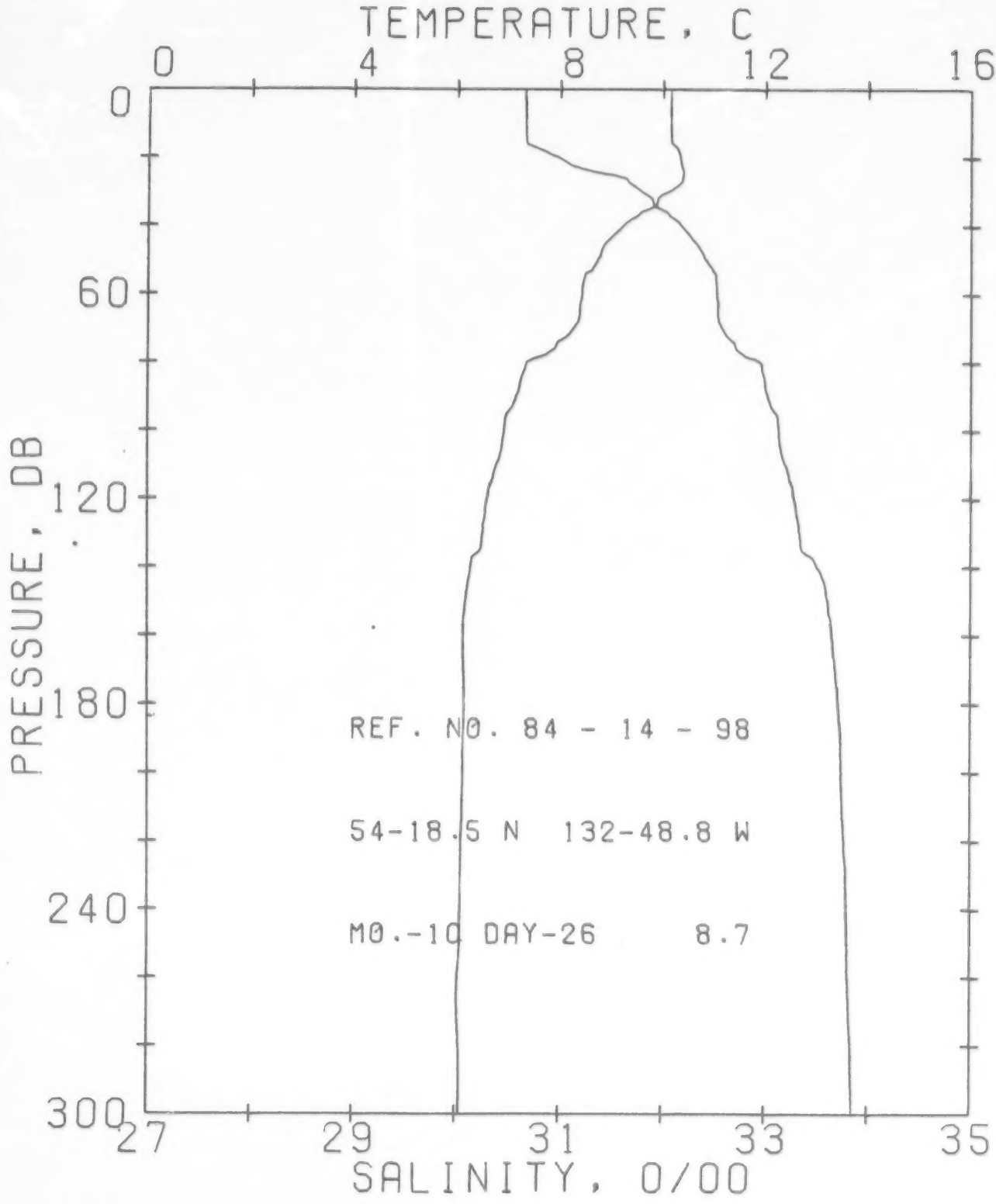
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 96 DATE 26/10/84
POSITION 54-17.7N, 132-18.0W GMT 6.2 STATION Q 42
RESULTS OF STP CAST 218 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.17 | 30.56 | 0 | 23.49 | 440.4 | .00 | .00 | 1485. |
| 10 | 10.17 | 30.58 | 10 | 23.51 | 439.0 | .44 | .02 | 1486. |
| 20 | 10.23 | 30.68 | 20 | 23.58 | 432.6 | .88 | .09 | 1486. |
| 30 | 10.40 | 31.49 | 30 | 24.17 | 376.0 | 1.29 | .19 | 1488. |
| 50 | 9.92 | 31.99 | 50 | 24.64 | 331.6 | 2.00 | .48 | 1487. |
| 75 | 8.34 | 32.56 | 75 | 25.33 | 266.2 | 2.74 | .95 | 1482. |
| 100 | 7.44 | 32.91 | 99 | 25.74 | 227.9 | 3.36 | 1.50 | 1480. |
| 125 | 7.04 | 33.10 | 124 | 25.94 | 209.3 | 3.91 | 2.13 | 1479. |
| 150 | 6.63 | 33.32 | 149 | 26.17 | 187.7 | 4.40 | 2.82 | 1478. |
| 175 | 6.25 | 33.50 | 174 | 26.36 | 169.5 | 4.84 | 3.54 | 1477. |
| 200 | 6.05 | 33.58 | 199 | 26.45 | 161.5 | 5.25 | 4.32 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 97
54-17.7 N 132-33.5 W
MO.-10 DAY-26 7.5
27
29
31
33
35
SALINITY, O/OO

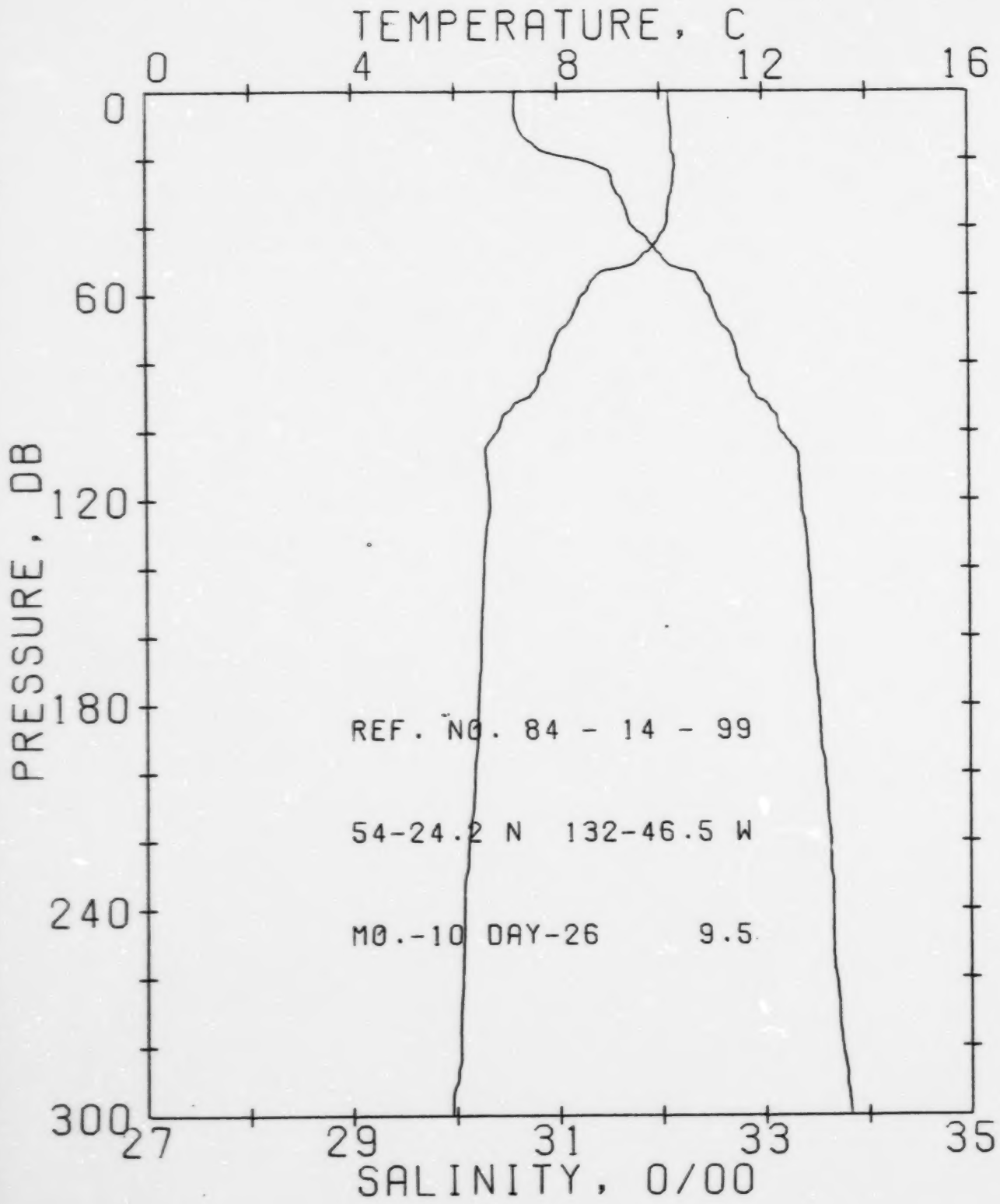
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 97 DATE 26/10/84
POSITION 54-17.7N, 132-33.5W GMT 7.5 STATION Q 40
RESULTS OF STP CAST 255 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.20 | 30.72 | 0 | 23.61 | 428.9 | .00 | .00 | 1486. |
| 10 | 10.20 | 30.73 | 10 | 23.61 | 428.9 | .43 | .02 | 1486. |
| 20 | 10.40 | 31.13 | 20 | 23.90 | 402.0 | .84 | .08 | 1487. |
| 30 | 10.45 | 31.39 | 30 | 24.09 | 383.9 | 1.23 | .18 | 1488. |
| 50 | 10.31 | 31.83 | 50 | 24.46 | 349.3 | 1.98 | .49 | 1488. |
| 75 | 9.27 | 32.28 | 75 | 24.98 | 300.2 | 2.80 | 1.00 | 1485. |
| 100 | 8.04 | 32.76 | 99 | 25.53 | 247.7 | 3.48 | 1.61 | 1482. |
| 125 | 7.65 | 32.88 | 124 | 25.69 | 233.3 | 4.08 | 2.30 | 1481. |
| 150 | 6.53 | 33.39 | 149 | 26.24 | 180.7 | 4.59 | 3.01 | 1478. |
| 175 | 6.30 | 33.62 | 174 | 26.44 | 161.6 | 5.01 | 3.70 | 1477. |
| 200 | 6.09 | 33.65 | 199 | 26.50 | 156.9 | 5.41 | 4.46 | 1477. |
| 225 | 6.06 | 33.65 | 223 | 26.50 | 156.9 | 5.80 | 5.32 | 1477. |
| 250 | 6.06 | 33.65 | 248 | 26.50 | 157.0 | 6.19 | 6.26 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 98
54-18.5 N 132-48.8 W
MO.-10 DAY-26 8.7
27
29
31
33
35
SALINITY, O/OO

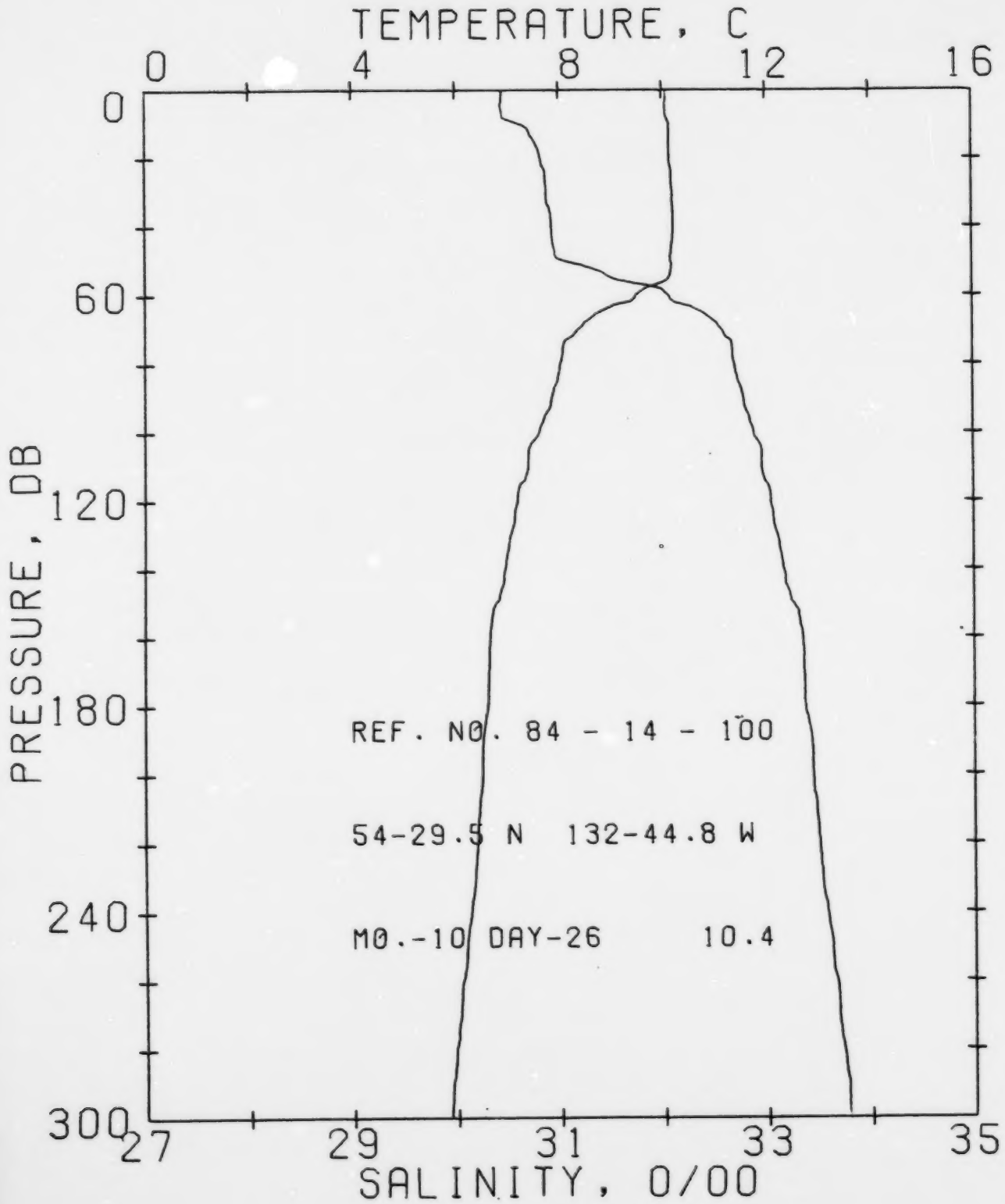
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 98 DATE 26/10/84
POSITION 54-18.5N, 132-48.8W GMT 8.7 STATION Q 27
RESULTS OF STP CAST 348 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.16 | 30.66 | 0 | 23.57 | 433.3 | .00 | .00 | 1485. |
| 10 | 10.16 | 30.66 | 10 | 23.57 | 433.0 | .43 | .02 | 1486. |
| 20 | 10.15 | 30.98 | 20 | 23.79 | 412.6 | .86 | .09 | 1487. |
| 30 | 10.12 | 31.79 | 30 | 24.45 | 349.1 | 1.24 | .18 | 1487. |
| 50 | 8.72 | 32.42 | 50 | 25.17 | 281.3 | 1.86 | .43 | 1483. |
| 75 | 7.91 | 32.70 | 75 | 25.51 | 249.3 | 2.53 | .86 | 1481. |
| 100 | 6.90 | 33.13 | 99 | 25.98 | 204.7 | 3.08 | 1.35 | 1478. |
| 125 | 6.55 | 33.31 | 124 | 26.17 | 187.3 | 3.57 | 1.91 | 1477. |
| 150 | 6.17 | 33.61 | 149 | 26.45 | 160.4 | 4.00 | 2.51 | 1476. |
| 175 | 6.16 | 33.70 | 174 | 26.53 | 153.5 | 4.40 | 3.16 | 1477. |
| 200 | 6.14 | 33.74 | 199 | 26.56 | 150.5 | 4.78 | 3.89 | 1477. |
| 225 | 6.10 | 33.78 | 223 | 26.60 | 147.6 | 5.15 | 4.70 | 1478. |
| 250 | 6.08 | 33.80 | 248 | 26.62 | 146.0 | 5.52 | 5.58 | 1478. |
| 300 | 6.07 | 33.85 | 298 | 26.66 | 143.0 | 6.24 | 7.60 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 99
54-24.2 N 132-46.5 W
MO.-10 DAY-26 9.5
27
29
31
33
35
SALINITY, O/OO

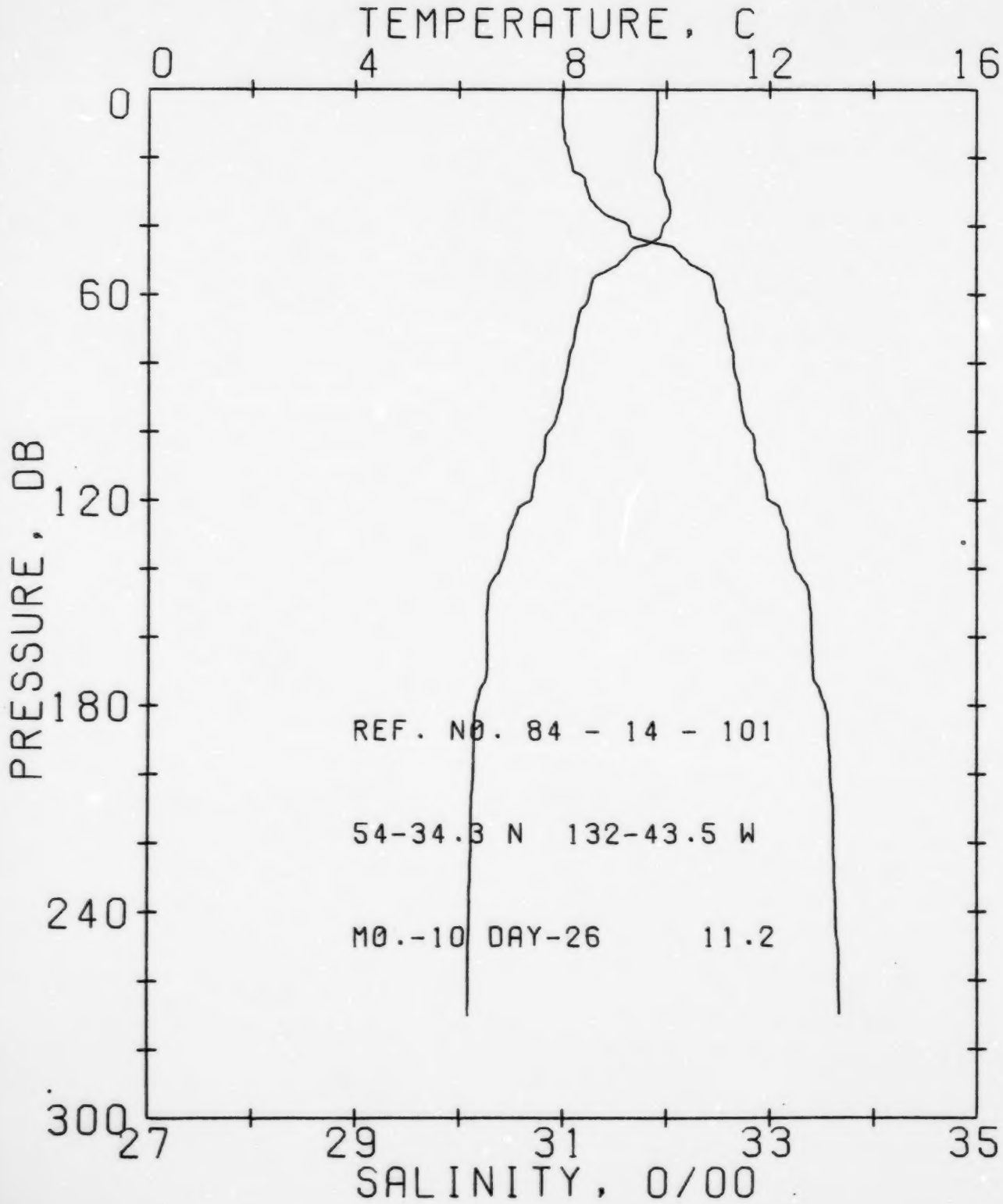
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14- 99 DATE 26/10/84
POSITION 54-24.2N, 132-46.5W GMT 9.5 STATION Q 49
RESULTS OF STP CAST 372 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.19 | 30.59 | 0 | 23.51 | 439.0 | .00 | .00 | 1485. |
| 10 | 10.23 | 30.62 | 10 | 23.52 | 437.5 | .44 | .02 | 1486. |
| 20 | 10.30 | 31.21 | 20 | 23.98 | 394.5 | .86 | .09 | 1487. |
| 30 | 10.22 | 31.58 | 30 | 24.27 | 366.7 | 1.24 | .18 | 1487. |
| 50 | 9.55 | 32.05 | 50 | 24.75 | 321.7 | 1.93 | .46 | 1486. |
| 75 | 7.88 | 32.73 | 75 | 25.53 | 247.0 | 2.62 | .90 | 1481. |
| 100 | 6.81 | 33.17 | 99 | 26.02 | 200.7 | 3.18 | 1.40 | 1478. |
| 125 | 6.65 | 33.39 | 124 | 26.22 | 182.5 | 3.65 | 1.93 | 1478. |
| 150 | 6.52 | 33.46 | 149 | 26.29 | 176.0 | 4.10 | 2.56 | 1478. |
| 175 | 6.44 | 33.51 | 174 | 26.34 | 171.2 | 4.53 | 3.28 | 1478. |
| 200 | 6.36 | 33.58 | 199 | 26.41 | 165.2 | 4.95 | 4.08 | 1478. |
| 225 | 6.22 | 33.64 | 223 | 26.47 | 159.7 | 5.36 | 4.96 | 1478. |
| 250 | 6.13 | 33.66 | 248 | 26.50 | 157.0 | 5.75 | 5.91 | 1478. |
| 300 | 5.91 | 33.83 | 298 | 26.66 | 142.8 | 6.51 | 8.03 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 100
54-29.5 N 132-44.8 W
MO.-10 DAY-26 10.4
27
29
31
33
35
SALINITY, O/OO

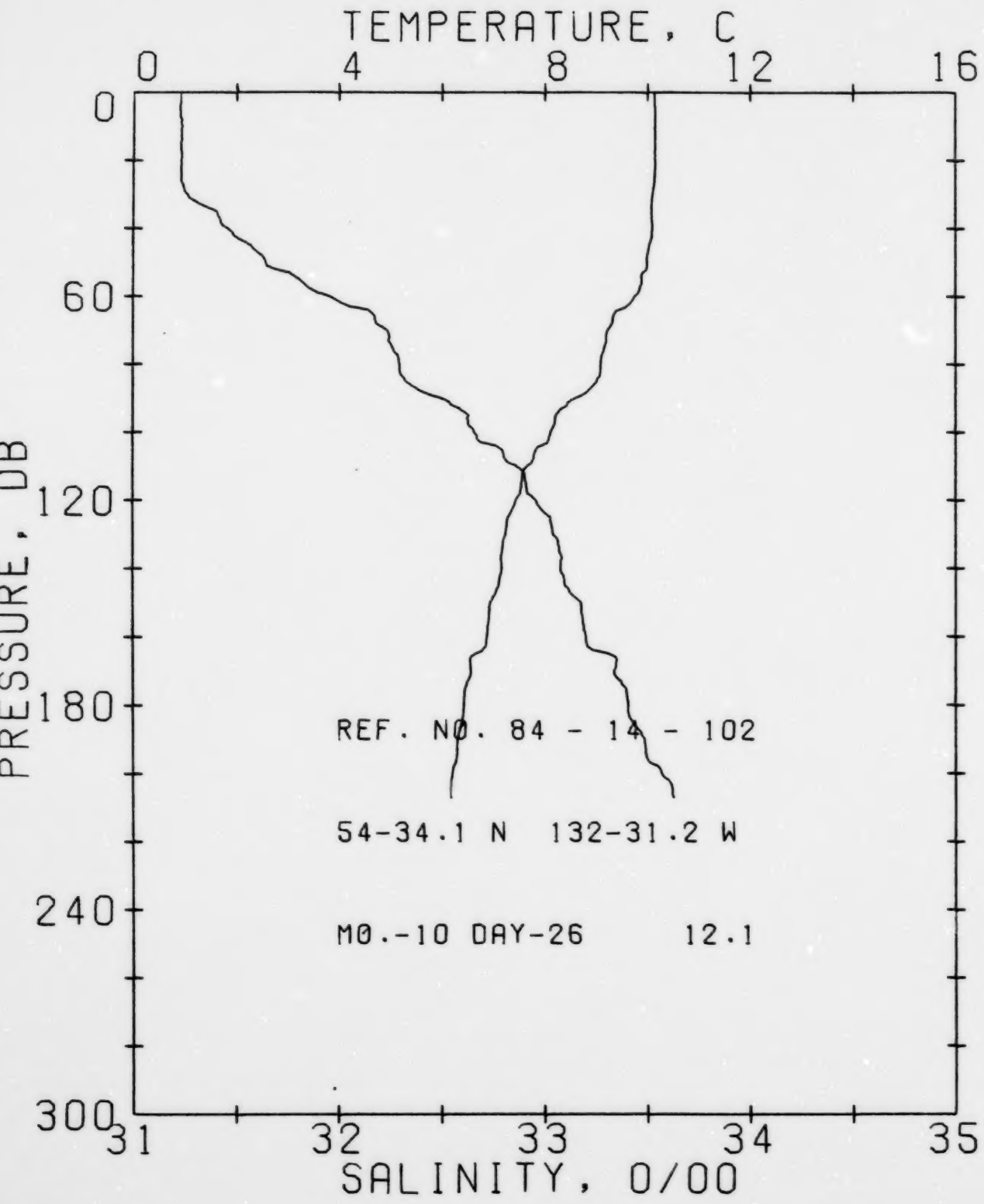
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-100 DATE 26/10/84
POSITION 54-29.5N, 132-44.8W GMT 10.4 STATION Q 50
RESULTS OF STP CAST 384 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.09 | 30.46 | 0 | 23.42 | 447.0 | .00 | .00 | 1485. |
| 10 | 10.16 | 30.64 | 10 | [illegible].56 | 434.4 | .45 | .02 | 1486. |
| 20 | 10.15 | 30.83 | 20 | [illegible].70 | 420.9 | .87 | .09 | 1486. |
| 30 | 10.21 | 30.88 | 30 | 23.73 | 417.9 | 1.29 | .19 | 1486. |
| 50 | 10.17 | 31.07 | 50 | 23.88 | 403.9 | 2.12 | .53 | 1487. |
| 75 | 8.08 | 32.68 | 75 | 25.46 | 253.6 | 2.90 | 1.02 | 1481. |
| 100 | 7.61 | 32.88 | 99 | 25.69 | 232.8 | 3.51 | 1.56 | 1480. |
| 125 | 7.13 | 33.07 | 124 | 25.90 | 212.7 | 4.06 | 2.20 | 1479. |
| 150 | 6.76 | 33.26 | 149 | 26.10 | 193.8 | 4.57 | 2.91 | 1478. |
| 175 | 6.61 | 33.36 | 174 | 26.20 | 185.0 | 5.04 | 3.68 | 1478. |
| 200 | 6.48 | 33.44 | 199 | 26.28 | 177.7 | 5.49 | 4.55 | 1478. |
| 225 | 6.36 | 33.51 | 223 | 26.35 | 170.9 | 5.93 | 5.49 | 1478. |
| 250 | 6.17 | 33.62 | 248 | 26.46 | 161.0 | 6.34 | 6.49 | 1478. |
| 300 | 5.86 | 33.78 | 298 | 26.63 | 145.4 | 7.11 | 8.63 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 101
54-34.3 N 132-43.5 W
MO.-10 DAY-26 11.2
27
29
31
33
35
SALINITY, O/OO

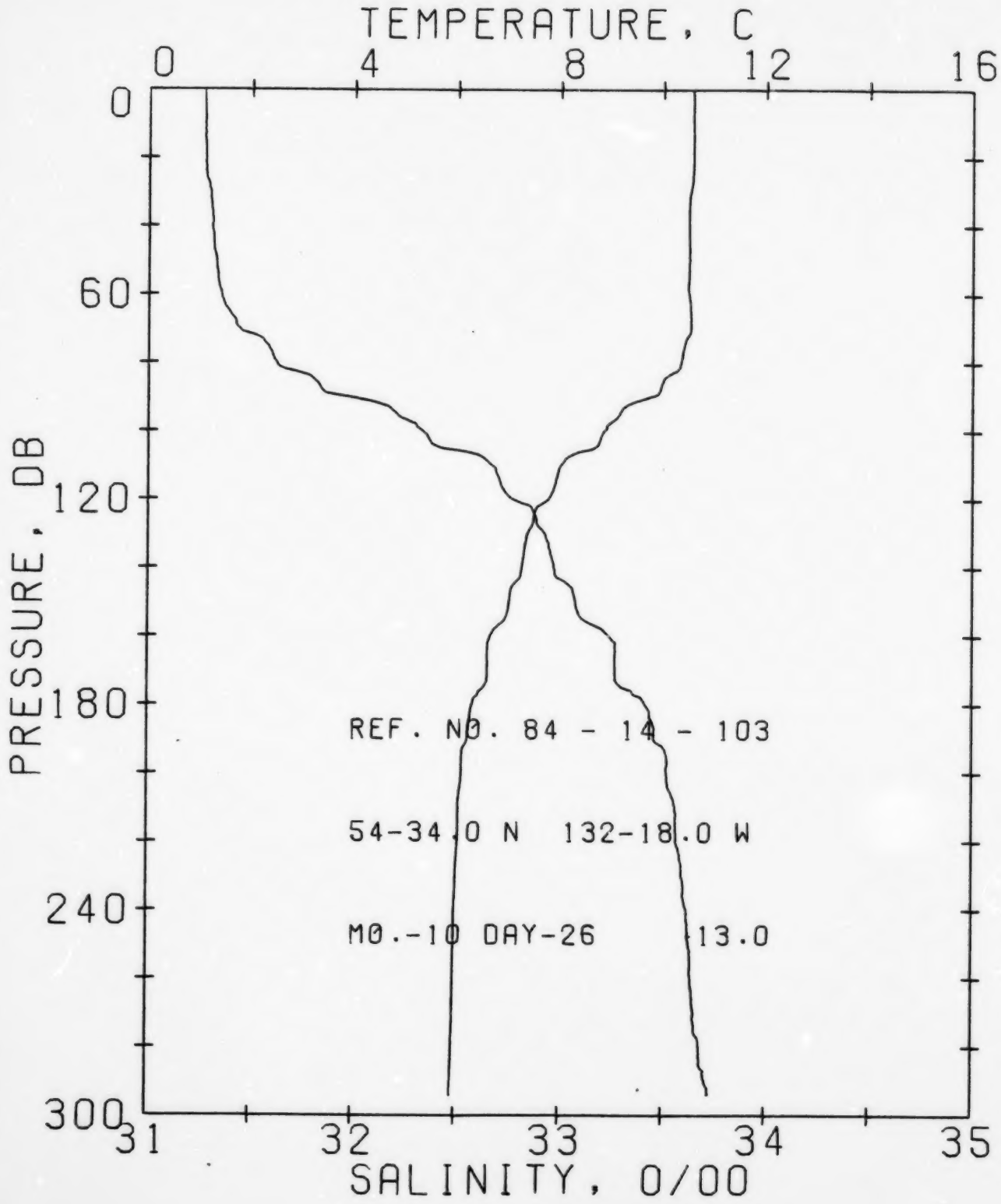
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-101 DATE 26/10/84
POSITION 54-34.3N, 132-43.5W GMT 11.2 STATION Q 51
RESULTS OF STP CAST 271 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.82 | 30.99 | 0 | 23.88 | 403.3 | .00 | .00 | 1485. |
| 10 | 9.82 | 31.00 | 10 | 23.89 | 402.8 | .40 | .02 | 1485. |
| 20 | 9.78 | 31.07 | 20 | 23.95 | 397.0 | .80 | .08 | 1485. |
| 30 | 9.96 | 31.24 | 30 | 24.05 | 387.4 | 1.20 | .18 | 1486. |
| 50 | 9.11 | 32.21 | 50 | 24.94 | 303.2 | 1.91 | .47 | 1484. |
| 75 | 8.19 | 32.63 | 75 | 25.41 | 259.1 | 2.59 | .90 | 1482. |
| 100 | 7.72 | 32.82 | 99 | 25.62 | 238.7 | 3.21 | 1.46 | 1481. |
| 125 | 7.08 | 33.12 | 124 | 25.95 | 208.2 | 3.78 | 2.11 | 1479. |
| 150 | 6.56 | 33.38 | 149 | 26.23 | 181.9 | 4.27 | 2.79 | 1478. |
| 175 | 6.42 | 33.48 | 174 | 26.32 | 173.2 | 4.72 | 3.53 | 1478. |
| 200 | 6.27 | 33.58 | 199 | 26.42 | 164.1 | 5.13 | 4.33 | 1478. |
| 225 | 6.21 | 33.62 | 223 | 26.46 | 161.1 | 5.54 | 5.20 | 1478. |
| 250 | 6.17 | 33.65 | 248 | 26.49 | 158.1 | 5.94 | 6.17 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NØ. 84 - 14 - 102
54-34.1 N 132-31.2 W
MØ.-10 DAY-26 12.1
31
32
33
34
35
SALINITY, O/OO

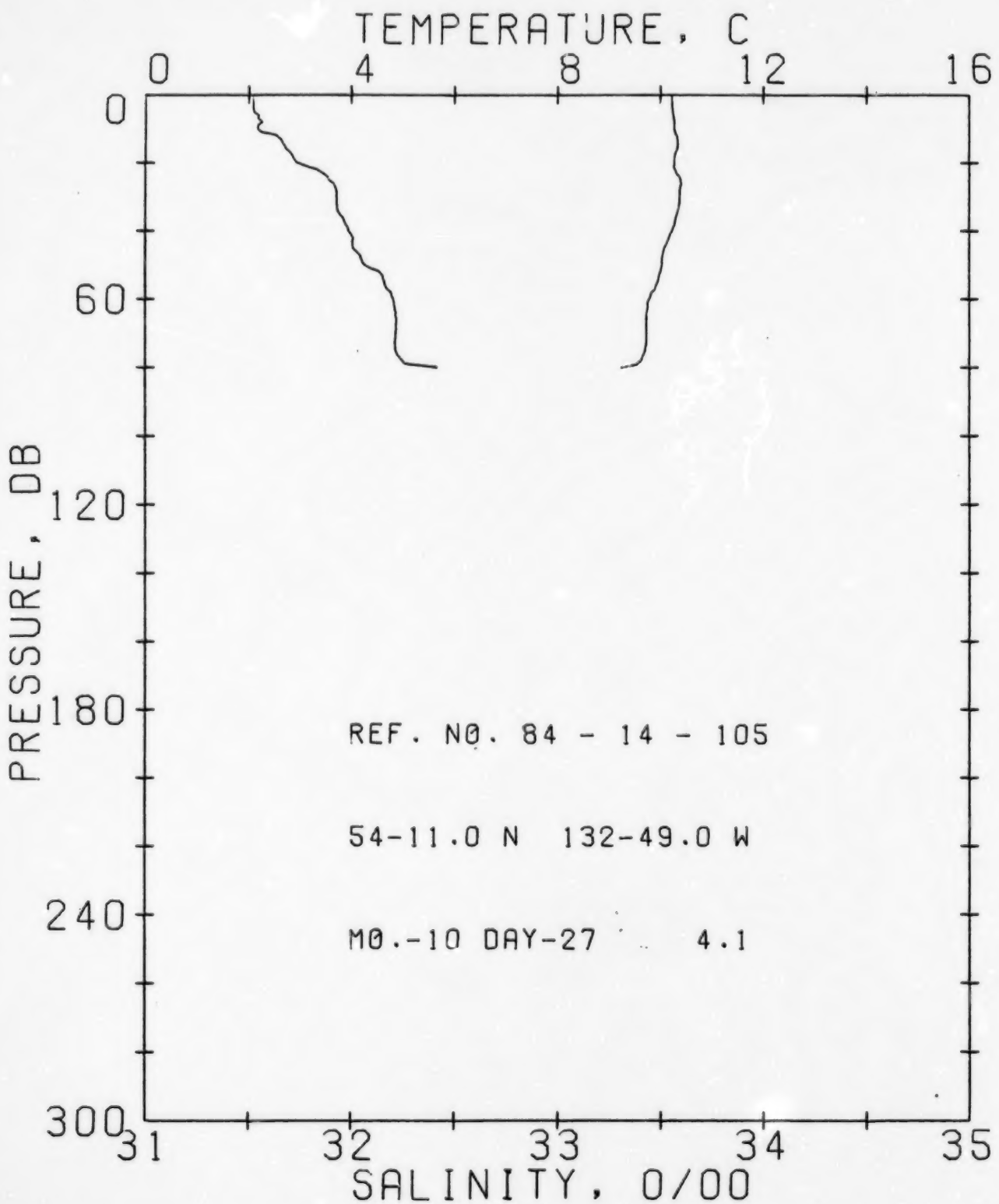
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-102 DATE 26/10/84
POSITION 54-34.1N, 132-31.2W GMT 12.1 STATION Q 46
RESULTS OF STP CAST 208 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.14 | 31.23 | 0 | 24.01 | 390.6 | .00 | .00 | 1486. |
| 10 | 10.15 | 31.24 | 10 | 24.02 | 390.3 | .39 | .02 | 1486. |
| 20 | 10.15 | 31.23 | 20 | 24.01 | 390.9 | .78 | .08 | 1486. |
| 30 | 10.09 | 31.27 | 30 | 24.05 | 387.6 | 1.17 | .18 | 1486. |
| 50 | 9.99 | 31.65 | 50 | 24.36 | 358.2 | 1.92 | .48 | 1487. |
| 75 | 9.15 | 32.26 | 75 | 24.98 | 300.2 | 2.73 | .99 | 1485. |
| 100 | 8.11 | 32.66 | 99 | 25.44 | 256.1 | 3.43 | 1.62 | 1482. |
| 125 | 7.27 | 33.03 | 124 | 25.85 | 217.3 | 4.02 | 2.29 | 1480. |
| 150 | 6.93 | 33.18 | 149 | 26.02 | 202.1 | 4.55 | 3.03 | 1479. |
| 175 | 6.44 | 33.40 | 174 | 26.25 | 179.8 | 5.03 | 3.83 | 1478. |
| 200 | 6.20 | 33.57 | 199 | 26.42 | 164.3 | 5.47 | 4.66 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 103
54-34.0 N 132-18.0 W
MO.-10 DAY-26 13.0
31
32
33
34
35
SALINITY, O/OO

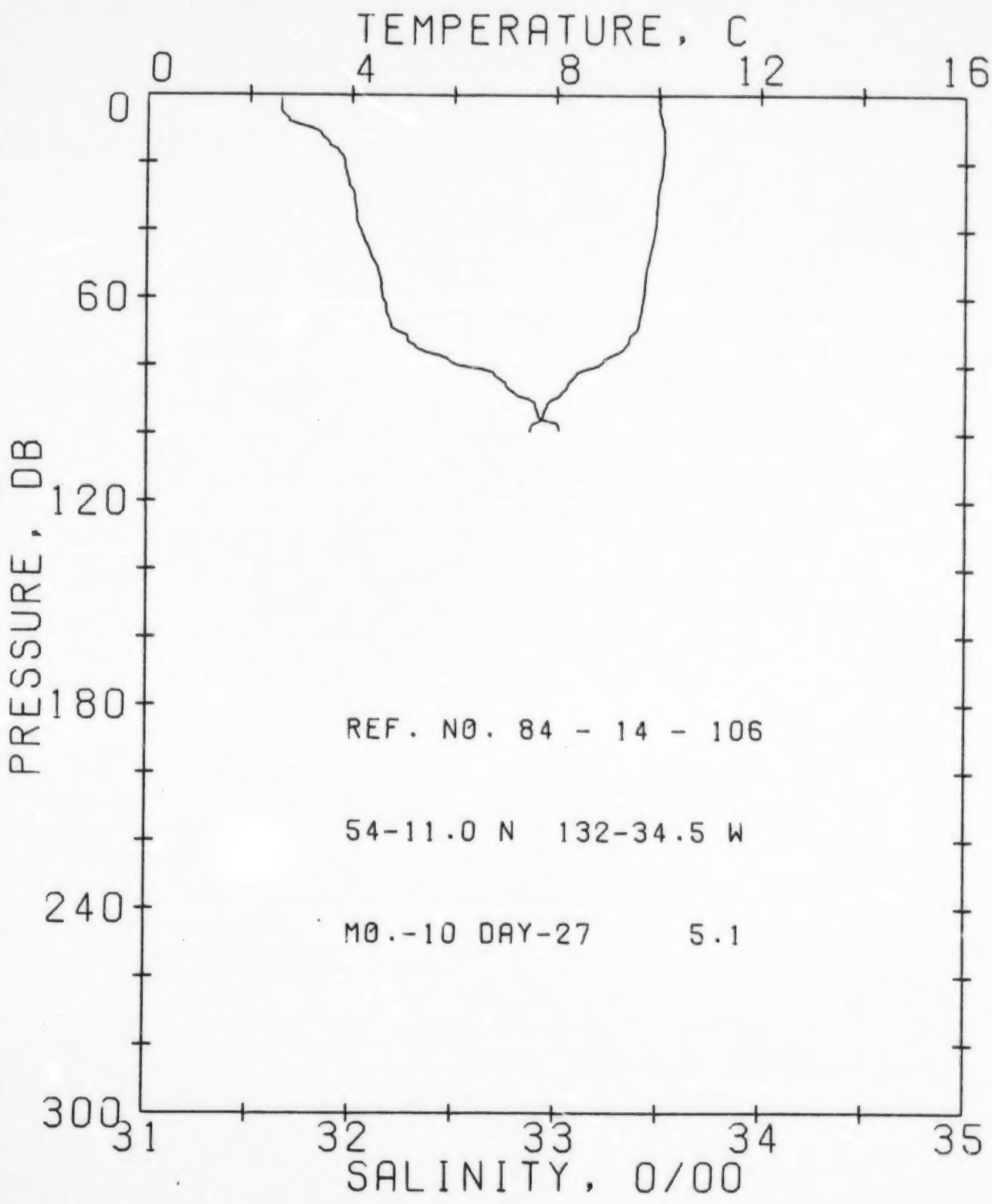
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-103 DATE 26/10/84
POSITION 54-34.0N, 132-18.0W GMT 13.0 STATION Q 45
RESULTS OF STP CAST 295 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.58 | 31.27 | 0 | 23.97 | 394.5 | .00 | .00 | 1488. |
| 10 | 10.58 | 31.27 | 10 | 23.97 | 394.7 | .39 | .02 | 1488. |
| 20 | 10.58 | 31.28 | 20 | 23.98 | 394.4 | .79 | .08 | 1488. |
| 30 | 10.52 | 31.30 | 30 | 24.01 | 391.8 | 1.18 | .18 | 1488. |
| 50 | 10.51 | 31.33 | 50 | 24.03 | 389.8 | 1.96 | .50 | 1488. |
| 75 | 10.41 | 31.58 | 75 | 24.25 | 369.9 | 2.93 | 1.11 | 1489. |
| 100 | 8.85 | 32.33 | 99 | 25.08 | 290.7 | 3.77 | 1.85 | 1484. |
| 125 | 7.49 | 32.88 | 124 | 25.71 | 231.0 | 4.41 | 2.59 | 1480. |
| 150 | 7.02 | 33.08 | 149 | 25.92 | 210.8 | 4.96 | 3.36 | 1479. |
| 175 | 6.53 | 33.30 | 174 | 26.17 | 187.8 | 5.45 | 4.17 | 1478. |
| 200 | 6.11 | 33.52 | 199 | 26.39 | 166.6 | 5.88 | 5.00 | 1477. |
| 225 | 6.02 | 33.59 | 224 | 26.46 | 160.8 | 6.29 | 5.88 | 1477. |
| 250 | 5.98 | 33.63 | 248 | 26.50 | 157.3 | 6.69 | 6.84 | 1477. |
| 300 | 5.91 | 33.74 | 298 | 26.59 | 149.4 | 7.46 | 8.99 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 105
54-11.0 N 132-49.0 W
MO.-10 DAY-27 4.1
31
32
33
34
35
SALINITY, O/OO

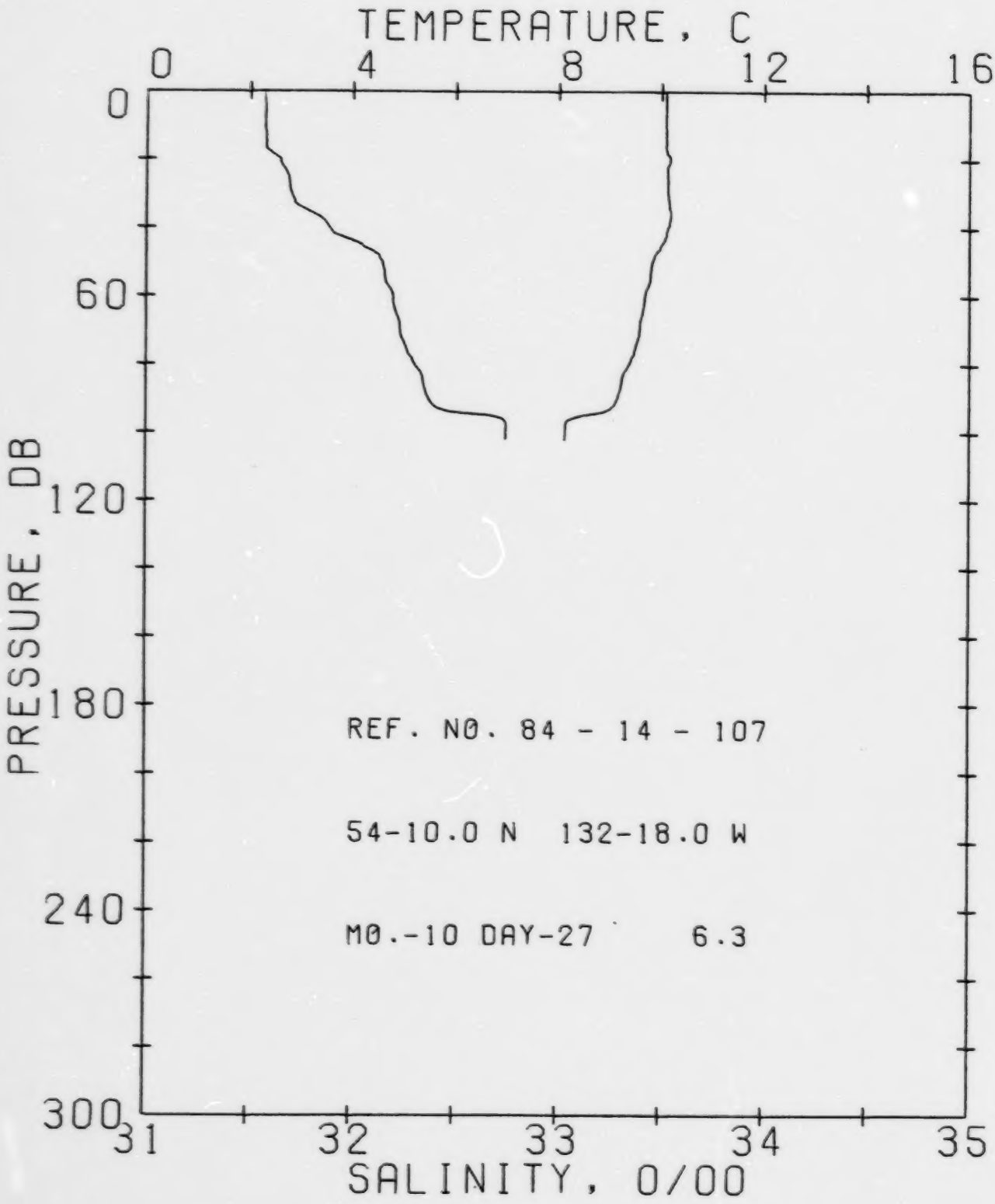
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-105 DATE 27/10/84
POSITION 54-11.0N, 132-49.0W GMT 4.1 STATION Q139
RESULTS OF STP CAST 81 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.23 | 31.52 | 0 | 24.23 | 370.1 | .00 | .00 | 1487. |
| 10 | 10.26 | 31.54 | 10 | 24.24 | 369.5 | .37 | .02 | 1487. |
| 20 | 10.28 | 31.74 | 20 | 24.39 | 355.5 | .73 | .07 | 1488. |
| 30 | 10.38 | 31.93 | 30 | 24.52 | 343.2 | 1.08 | .16 | 1488. |
| 50 | 10.04 | 32.07 | 50 | 24.68 | 327.9 | 1.75 | .44 | 1488. |
| 75 | 9.71 | 32.21 | 75 | 24.85 | 312.2 | 2.54 | .94 | 1487. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 106
54-11.0 N 132-34.5 W
MO.-10 DAY-27 5.1
31
32
33
34
35
SALINITY, O/OO

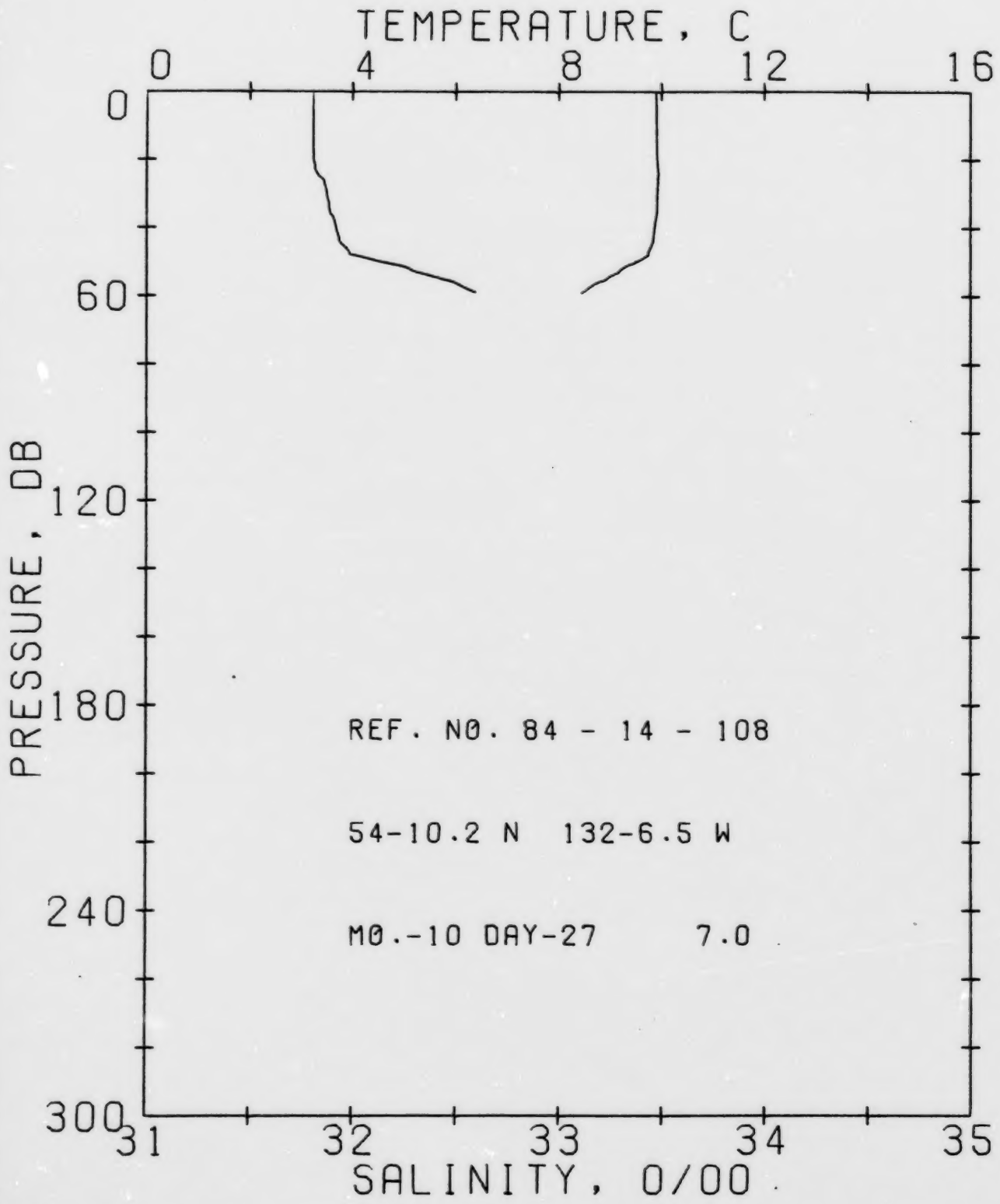
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-106 DATE 27/10/84
POSITION 54-11.0N, 132-34.5W GMT 5.1 STATION Q 63
RESULTS OF STP CAST 100 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.03 | 31.65 | 0 | 24.36 | 357.3 | .00 | .00 | 1486. |
| 10 | 10.11 | 31.81 | 10 | 24.47 | 347.2 | .36 | .02 | 1487. |
| 20 | 10.09 | 31.97 | 20 | 24.60 | 335.5 | .70 | .07 | 1487. |
| 30 | 9.99 | 32.02 | 30 | 24.65 | 330.4 | 1.03 | .15 | 1487. |
| 50 | 9.80 | 32.12 | 50 | 24.76 | 320.0 | 1.68 | .42 | 1487. |
| 75 | 9.33 | 32.32 | 75 | 25.00 | 298.2 | 2.47 | .92 | 1486. |
| 100 | 7.47 | 33.02 | 99 | 25.82 | 220.4 | 3.11 | 1.48 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 107
54-10.0 N 132-18.0 W
MO.-10 DAY-27 6.3
31
32
33
34
35
SALINITY, O/OO

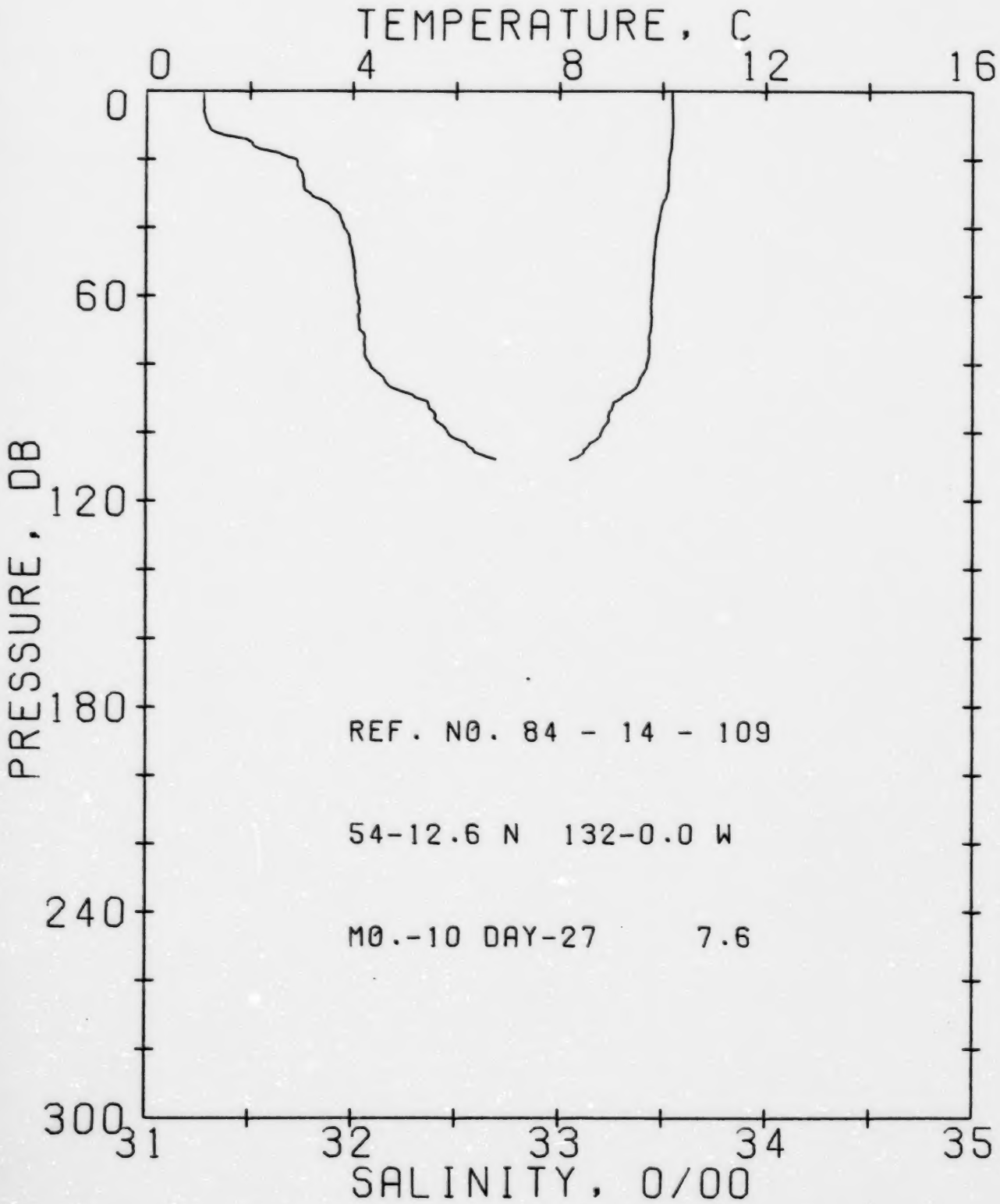
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-107 DATE 27/10/84
POSITION 54-10.0N, 132-18.0W GMT 6.3 STATION Q 41
RESULTS OF STP CAST 103 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.09 | 31.57 | 0 | 24.29 | 364.4 | .00 | .00 | 1486. |
| 10 | 10.09 | 31.58 | 10 | 24.29 | 364.3 | .36 | .02 | 1486. |
| 20 | 10.18 | 31.65 | 20 | 24.34 | 360.4 | .73 | .07 | 1487. |
| 30 | 10.13 | 31.70 | 30 | 24.38 | 355.8 | 1.09 | .17 | 1487. |
| 50 | 9.83 | 32.15 | 50 | 24.78 | 318.6 | 1.77 | .44 | 1487. |
| 75 | 9.50 | 32.26 | 75 | 24.92 | 305.5 | 2.55 | .94 | 1486. |
| 100 | 8.14 | 32.75 | 99 | 25.51 | 249.8 | 3.26 | 1.57 | 1482. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 108
54-10.2 N 132-6.5 W
MO.-10 DAY-27 7.0
31
32
33
34
35
SALINITY, O/OO

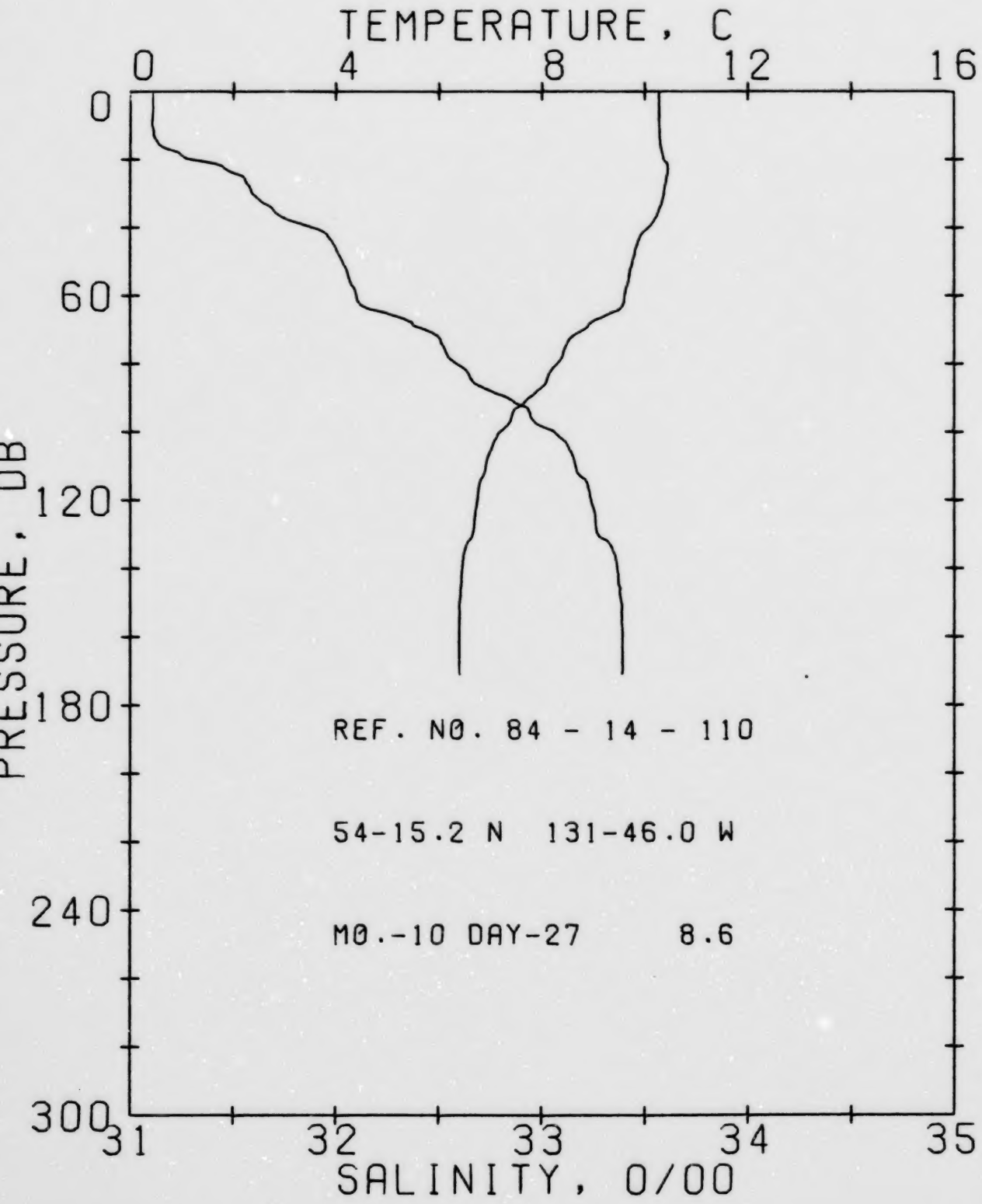
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-108 DATE 27/10/84
POSITION 54-10.2N, 132- 6.5W GMT 7.0 STATION Q 60
RESULTS OF STP CAST 60 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.90 | 31.81 | 0 | 24.51 | 343.8 | .00 | .00 | 1486. |
| 10 | 9.91 | 31.81 | 10 | 24.50 | 344.1 | .34 | .02 | 1486. |
| 20 | 9.92 | 31.81 | 20 | 24.50 | 344.4 | .69 | .07 | 1486. |
| 30 | 9.93 | 31.88 | 30 | 24.55 | 339.7 | 1.03 | .16 | 1487. |
| 50 | 9.51 | 32.13 | 50 | 24.82 | 315.0 | 1.70 | .43 | 1486. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 109
54-12.6 N 132-0.0 W
MO.-10 DAY-27 7.6
31
32
33
34
35
SALINITY, O/OO

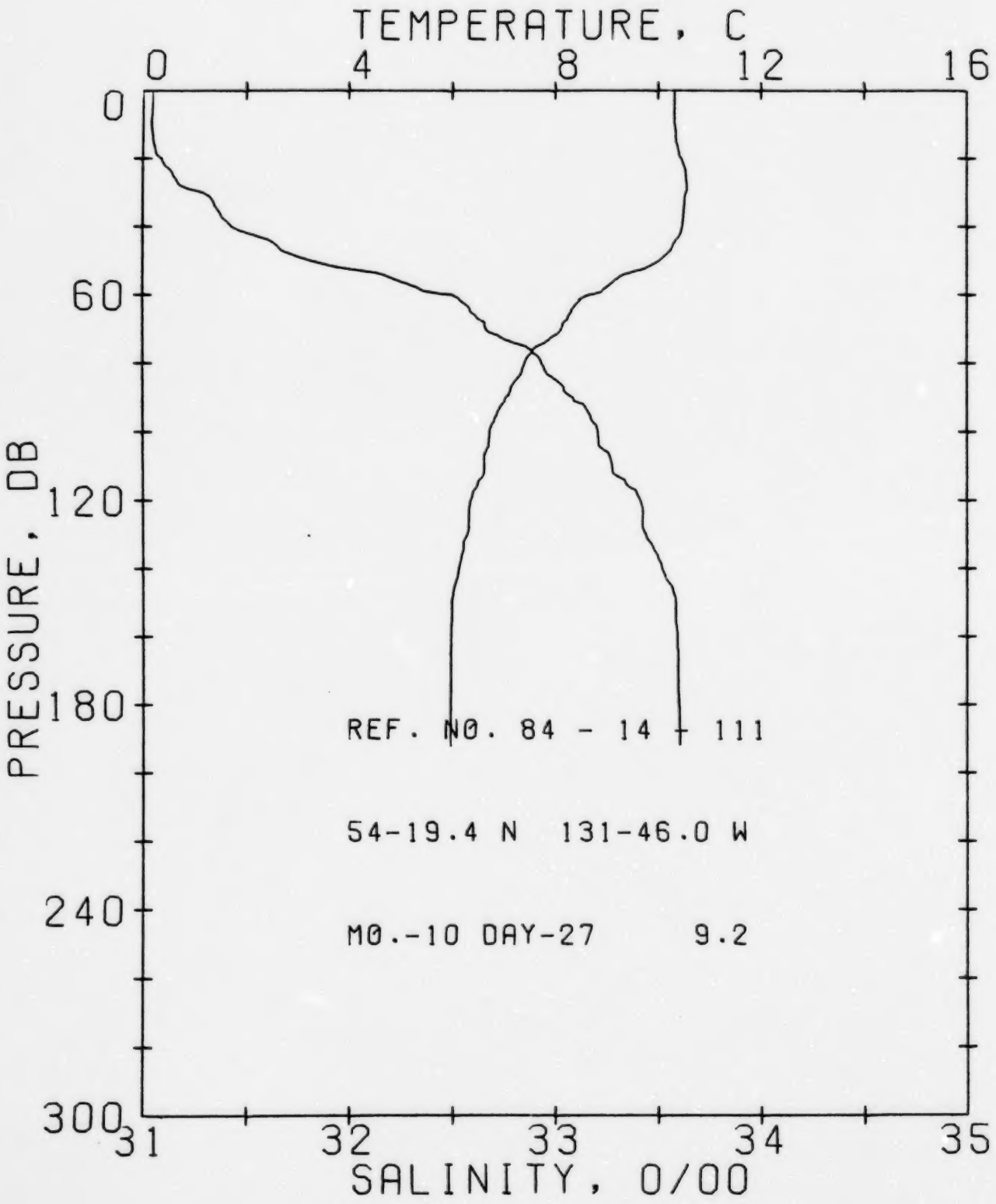
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-109 DATE 27/10/84
POSITION 54-12.6N, 132- .0W GMT 7.6 STATION QD3S
RESULTS OF STP CAST 109 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.19 | 31.28 | 0 | 24.04 | 387.9 | .00 | .00 | 1486. |
| 10 | 10.20 | 31.30 | 10 | 24.06 | 386.5 | .39 | .02 | 1487. |
| 20 | 10.12 | 31.73 | 20 | 24.40 | 353.7 | .76 | .08 | 1487. |
| 30 | 10.08 | 31.80 | 30 | 24.46 | 348.2 | 1.11 | .17 | 1487. |
| 50 | 9.82 | 32.01 | 50 | 24.67 | 329.0 | 1.78 | .44 | 1487. |
| 75 | 9.74 | 32.06 | 75 | 24.73 | 324.2 | 2.60 | .96 | 1487. |
| 100 | 8.82 | 32.46 | 99 | 25.19 | 280.6 | 3.36 | 1.63 | 1484. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 110
54-15.2 N 131-46.0 W
MO.-10 DAY-27 8.6
31
32
33
34
35
SALINITY, O/OO

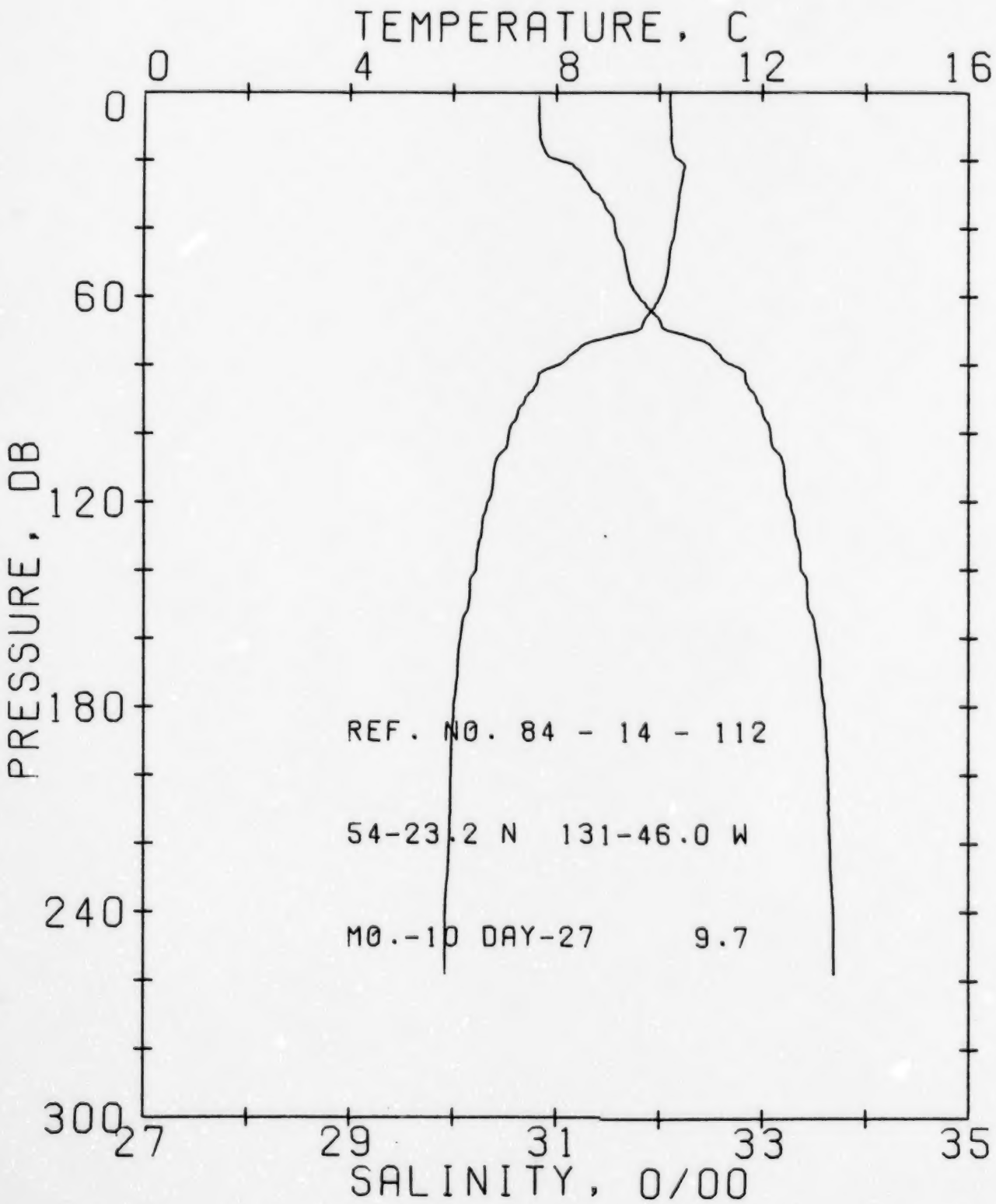
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-110 DATE 27/10/84
POSITION 54-15.2N, 131-46.0W GMT 8.6 STATION Q 62
RESULTS OF STP CAST 172 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.28 | 31.11 | 0 | 23.90 | 401.6 | .00 | .00 | 1486. |
| 10 | 10.28 | 31.11 | 10 | 23.90 | 402.1 | .40 | .02 | 1487. |
| 20 | 10.36 | 31.28 | 20 | 24.02 | 390.8 | .80 | .08 | 1487. |
| 30 | 10.37 | 31.59 | 30 | 24.26 | 367.8 | 1.18 | .18 | 1488. |
| 50 | 9.76 | 32.04 | 50 | 24.70 | 325.8 | 1.86 | .46 | 1487. |
| 75 | 8.46 | 32.52 | 75 | 25.29 | 270.4 | 2.63 | .94 | 1483. |
| 100 | 7.18 | 33.06 | 99 | 25.89 | 213.2 | 3.24 | 1.48 | 1479. |
| 125 | 6.70 | 33.26 | 124 | 26.11 | 192.5 | 3.74 | 2.05 | 1478. |
| 150 | 6.41 | 33.39 | 149 | 26.25 | 179.7 | 4.20 | 2.70 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 111
54-19.4 N 131-46.0 W
MO.-10 DAY-27 9.2
31
32
33
34
35
SALINITY, O/OO

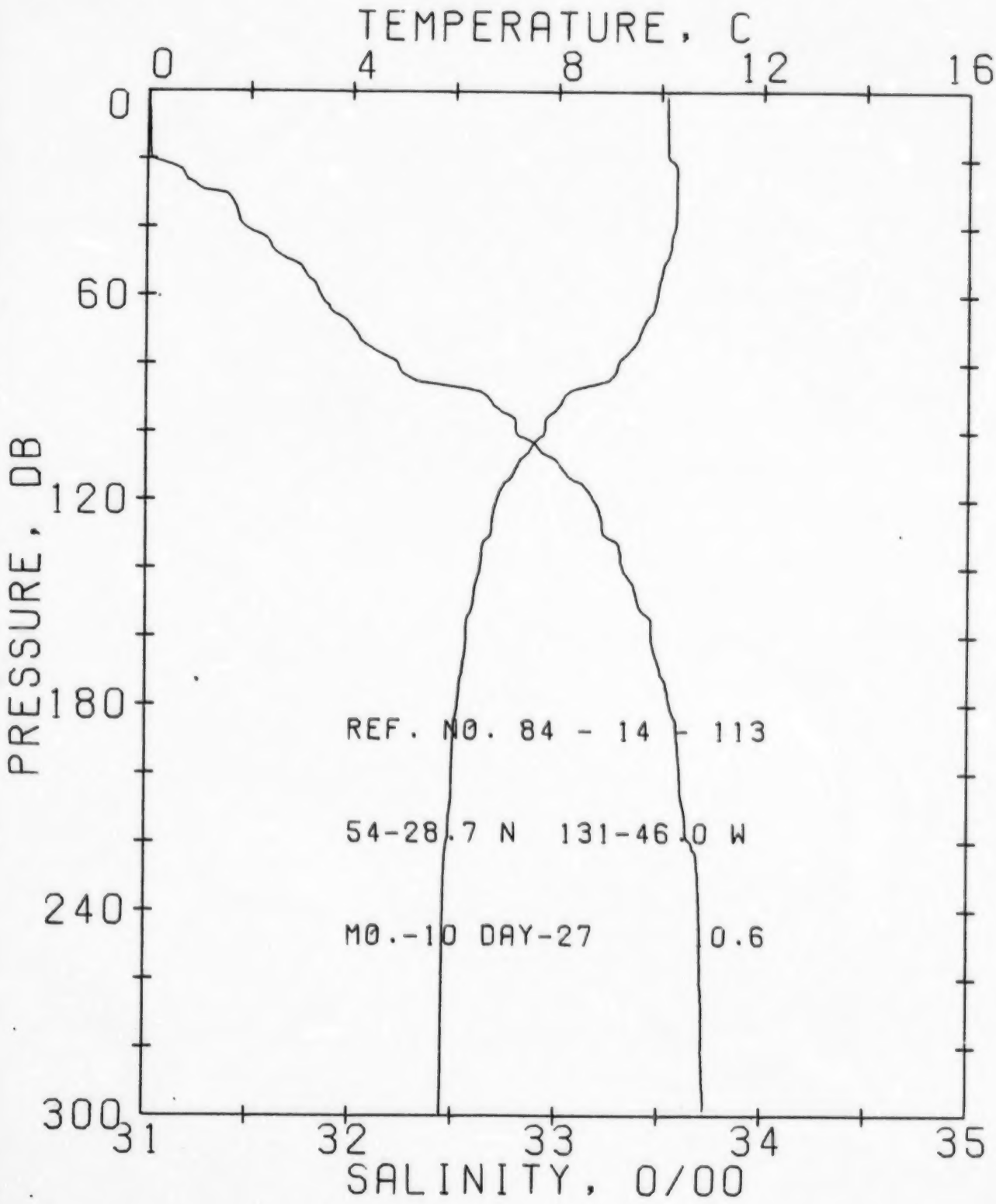
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-111 DATE 27/10/84
POSITION 54-19.4N, 131-46.0W GMT 9.2 STATION Q114
RESULTS OF STP CAST 193 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.32 | 31.05 | 0 | 23.84 | 406.9 | .00 | .00 | 1487. |
| 10 | 10.32 | 31.04 | 10 | 23.84 | 407.5 | .41 | .02 | 1487. |
| 20 | 10.46 | 31.09 | 20 | 23.85 | 406.1 | .81 | .08 | 1487. |
| 30 | 10.54 | 31.29 | 30 | 24.00 | 392.7 | 1.22 | .19 | 1488. |
| 50 | 10.01 | 31.81 | 50 | 24.49 | 346.3 | 1.97 | .49 | 1487. |
| 75 | 7.63 | 32.86 | 75 | 25.67 | 233.9 | 2.66 | .93 | 1480. |
| 100 | 6.72 | 33.21 | 99 | 26.07 | 196.6 | 3.20 | 1.40 | 1477. |
| 125 | 6.32 | 33.43 | 124 | 26.29 | 175.4 | 3.66 | 1.93 | 1476. |
| 150 | 5.99 | 33.59 | 149 | 26.46 | 159.6 | 4.08 | 2.52 | 1476. |
| 175 | 5.97 | 33.60 | 174 | 26.47 | 159.0 | 4.48 | 3.18 | 1476. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 112
54-23.2 N 131-46.0 W
MO.-1D DAY-27 9.7
27
29
31
33
35
SALINITY, O/OO

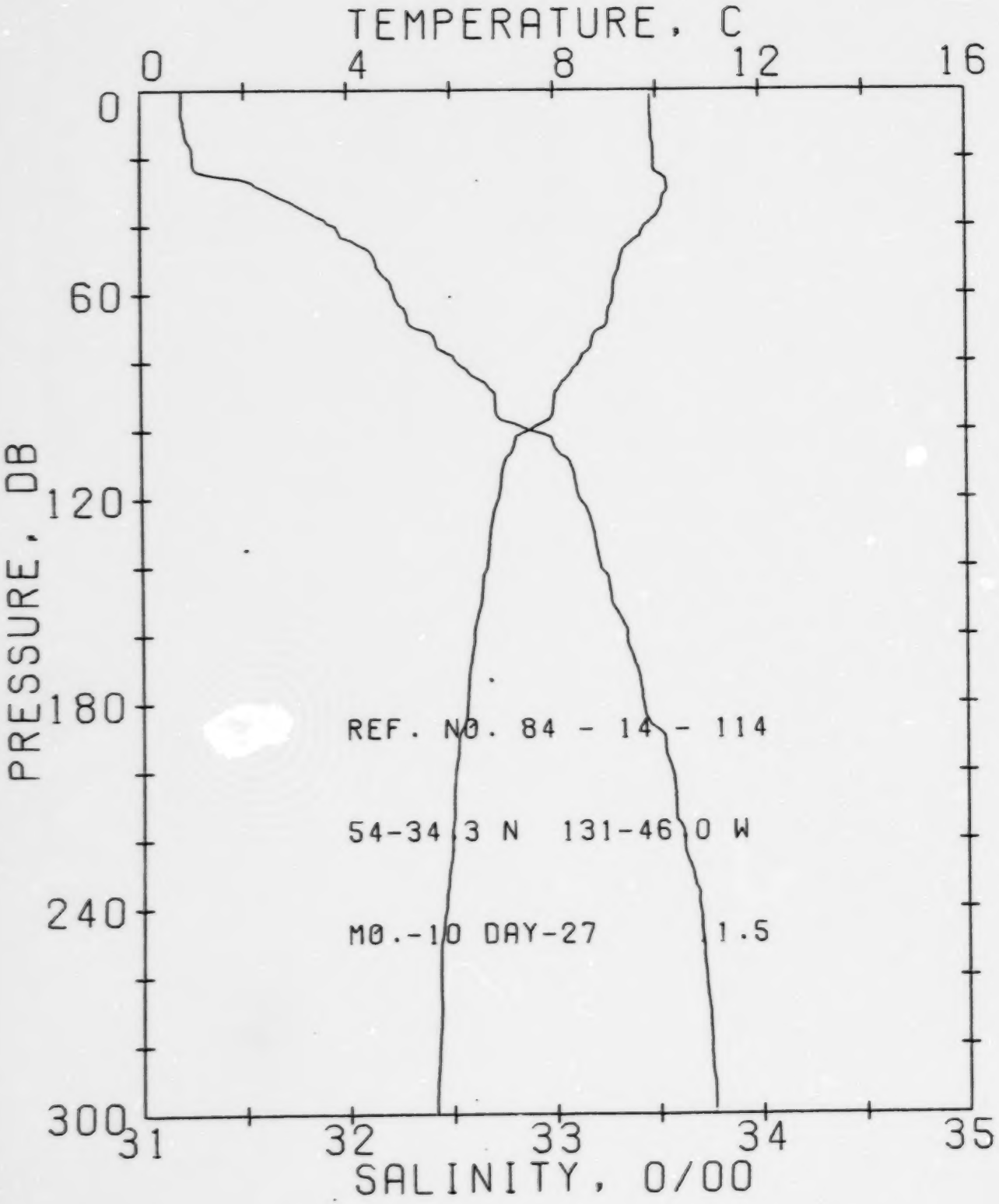
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-112 DATE 27/10/84
POSITION 54-23.2N, 131-46.0W GMT 9.7 STATION Q115
RESULTS OF STP CAST 259 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.21 | 30.83 | 0 | 23.69 | 421.1 | .00 | .00 | 1486. |
| 10 | 10.23 | 30.84 | 10 | 23.70 | 420.7 | .42 | .02 | 1486. |
| 20 | 10.41 | 31.04 | 20 | 23.82 | 409.4 | .84 | .09 | 1487. |
| 30 | 10.39 | 31.41 | 30 | 24.12 | 381.3 | 1.23 | .19 | 1488. |
| 50 | 10.19 | 31.68 | 50 | 24.35 | 359.2 | 1.97 | .49 | 1488. |
| 75 | 8.44 | 32.52 | 75 | 25.29 | 270.6 | 2.80 | 1.01 | 1483. |
| 100 | 7.09 | 33.08 | 99 | 25.92 | 210.6 | 3.39 | 1.53 | 1479. |
| 125 | 6.58 | 33.31 | 124 | 26.17 | 187.3 | 3.88 | 2.09 | 1477. |
| 150 | 6.31 | 33.44 | 149 | 26.30 | 174.5 | 4.33 | 2.72 | 1477. |
| 175 | 6.06 | 33.58 | 174 | 26.45 | 161.4 | 4.75 | 3.41 | 1476. |
| 200 | 5.96 | 33.64 | 199 | 26.51 | 156.0 | 5.14 | 4.16 | 1476. |
| 225 | 5.92 | 33.66 | 223 | 26.53 | 154.4 | 5.53 | 5.00 | 1477. |
| 250 | 5.84 | 33.69 | 248 | 26.56 | 151.4 | 5.91 | 5.92 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 113
54-28.7 N 131-46.0 W
MO.-10 DAY-27
0.6
31
32
33
34
35
SALINITY, O/OO

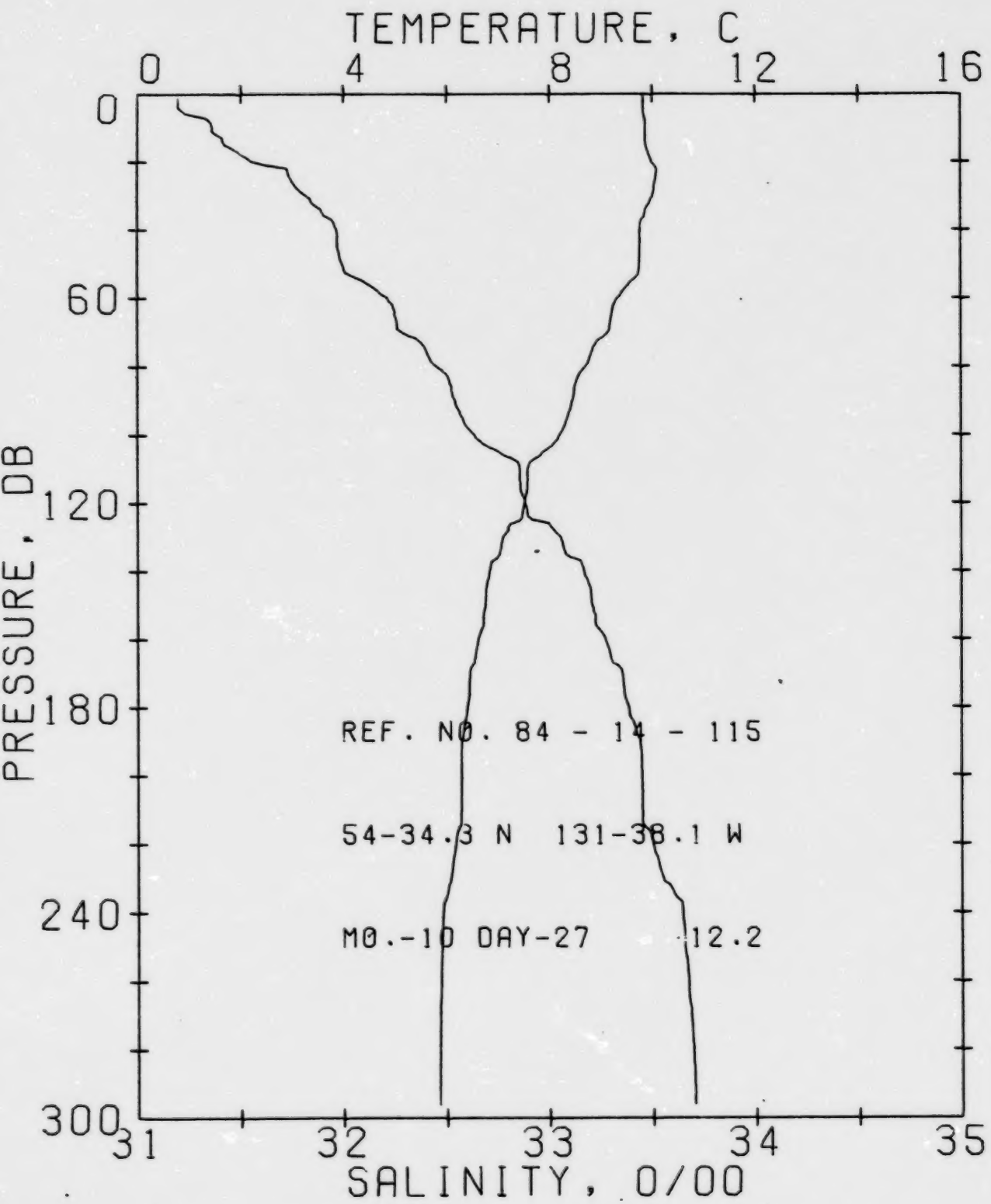
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-113 DATE 27/10/84
POSITION 54-28.7N, 131-46.0W GMT 10.6 STATION Q116
RESULTS OF STP CAST 338 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.13 | 31.01 | 0 | 23.84 | 406.9 | .00 | .00 | 1486. |
| 10 | 10.14 | 31.01 | 10 | 23.84 | 407.0 | .41 | .02 | 1486. |
| 20 | 10.18 | 31.02 | 20 | 23.85 | 407.0 | .81 | .08 | 1486. |
| 30 | 10.31 | 31.39 | 30 | 24.11 | 382.2 | 1.21 | .18 | 1487. |
| 50 | 10.10 | 31.71 | 50 | 24.39 | 355.2 | 1.95 | .49 | 1487. |
| 75 | 9.48 | 32.09 | 75 | 24.79 | 318.1 | 2.80 | 1.02 | 1486. |
| 100 | 7.76 | 32.80 | 99 | 25.61 | 240.6 | 3.48 | 1.63 | 1481. |
| 125 | 6.74 | 33.21 | 124 | 26.07 | 196.6 | 4.02 | 2.24 | 1478. |
| 150 | 6.37 | 33.39 | 149 | 26.26 | 179.0 | 4.49 | 2.89 | 1477. |
| 175 | 6.11 | 33.53 | 174 | 26.40 | 165.4 | 4.92 | 3.60 | 1476. |
| 200 | 5.97 | 33.60 | 199 | 26.48 | 158.8 | 5.32 | 4.37 | 1476. |
| 225 | 5.84 | 33.69 | 223 | 26.56 | 151.4 | 5.71 | 5.22 | 1476. |
| 250 | 5.81 | 33.70 | 248 | 26.57 | 150.0 | 6.09 | 6.13 | 1477. |
| 300 | 5.79 | 33.73 | 298 | 26.60 | 148.7 | 6.83 | 8.22 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 114
54-34.3 N 131-46.0 W
MO.-10 DAY-27 1.5
31
32
33
34
35
SALINITY, O/OO

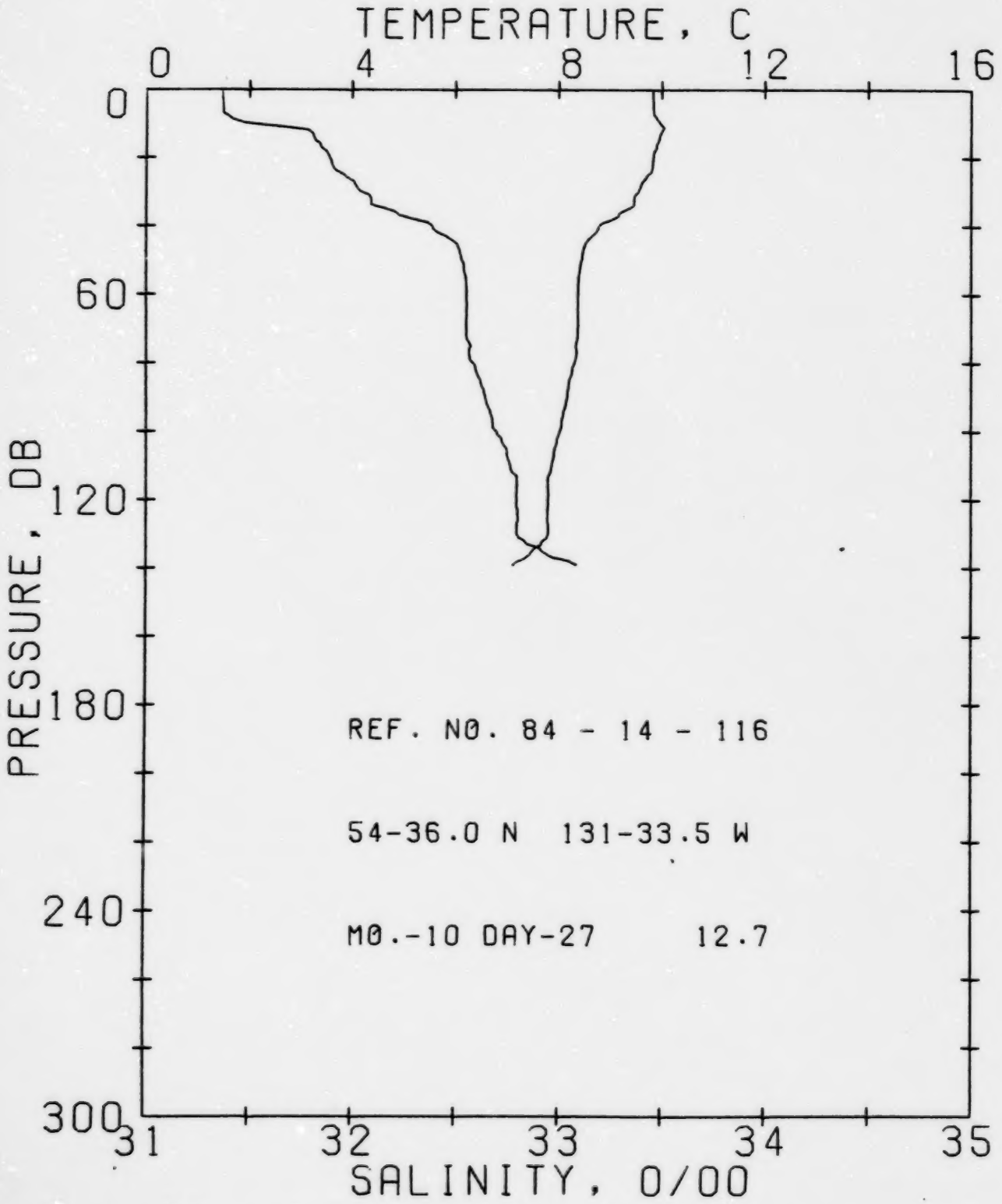
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-114 DATE 27/10/84
POSITION 54-34.3N, 131-46.0W GMT 11.5 STATION Q117
RESULTS OF STP CAST 355 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.90 | 31.20 | 0 | 24.03 | 389.1 | .00 | .00 | 1485. |
| 10 | 9.91 | 31.20 | 10 | 24.03 | 389.0 | .39 | .02 | 1485. |
| 20 | 9.96 | 31.25 | 20 | 24.06 | 386.4 | .78 | .08 | 1486. |
| 30 | 10.21 | 31.63 | 30 | 24.31 | 362.6 | 1.15 | .17 | 1487. |
| 50 | 9.29 | 32.14 | 50 | 24.86 | 311.2 | 1.82 | .45 | 1485. |
| 75 | 8.73 | 32.43 | 75 | 25.17 | 281.4 | 2.57 | .92 | 1484. |
| 100 | 7.53 | 32.88 | 99 | 25.70 | 231.2 | 3.21 | 1.49 | 1480. |
| 125 | 6.81 | 33.17 | 124 | 26.03 | 200.8 | 3.74 | 2.09 | 1478. |
| 150 | 6.58 | 33.27 | 149 | 26.14 | 190.3 | 4.23 | 2.78 | 1478. |
| 175 | 6.31 | 33.41 | 174 | 26.28 | 176.8 | 4.68 | 3.53 | 1477. |
| 200 | 6.05 | 33.57 | 199 | 26.44 | 162.6 | 5.11 | 4.34 | 1477. |
| 225 | 5.97 | 33.63 | 223 | 26.50 | 157.0 | 5.51 | 5.21 | 1477. |
| 250 | 5.76 | 33.71 | 248 | 26.59 | 148.7 | 5.89 | 6.13 | 1476. |
| 300 | 5.66 | 33.77 | 298 | 26.64 | 144.1 | 6.62 | 8.18 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 115
54-34.3 N 131-38.1 W
MO.-10 DAY-27 12.2
31
32
33
34
35
SALINITY, O/OO

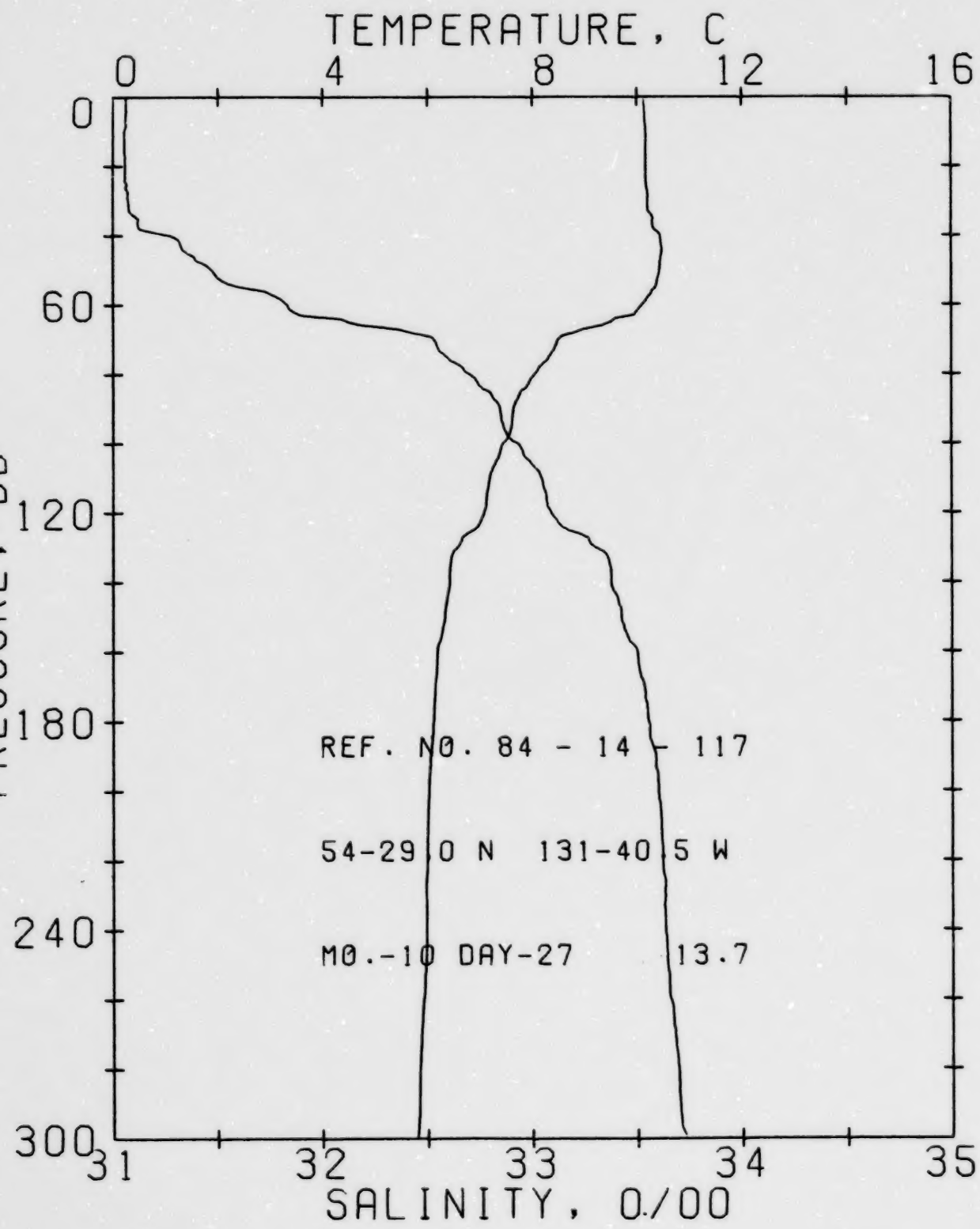
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-115 DATE 27/10/84
POSITION 54-34.3N, 131-38.1W GMT 12.2 STATION Q150
RESULTS OF STP CAST 297 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.83 | 31.20 | 0 | 24.04 | 388.2 | .00 | .00 | 1485. |
| 10 | 9.87 | 31.37 | 10 | 24.16 | 376.4 | .38 | .02 | 1485. |
| 20 | 9.98 | 31.56 | 20 | 24.29 | 364.2 | .76 | .08 | 1486. |
| 30 | 10.02 | 31.82 | 30 | 24.50 | 345.3 | 1.11 | .17 | 1487. |
| 50 | 9.75 | 32.00 | 50 | 24.67 | 328.6 | 1.77 | .44 | 1486. |
| 75 | 8.84 | 32.40 | 75 | 25.14 | 284.9 | 2.54 | .92 | 1484. |
| 100 | 8.19 | 32.64 | 99 | 25.42 | 258.6 | 3.22 | 1.53 | 1482. |
| 125 | 7.44 | 32.92 | 124 | 25.74 | 227.7 | 3.81 | 2.21 | 1480. |
| 150 | 6.76 | 33.20 | 149 | 26.06 | 197.8 | 4.33 | 2.93 | 1478. |
| 175 | 6.44 | 33.36 | 174 | 26.23 | 182.2 | 4.80 | 3.71 | 1478. |
| 200 | 6.28 | 33.45 | 199 | 26.31 | 174.4 | 5.25 | 4.56 | 1477. |
| 225 | 6.12 | 33.53 | 223 | 26.40 | 166.7 | 5.68 | 5.49 | 1477. |
| 250 | 5.90 | 33.65 | 248 | 26.52 | 154.8 | 6.07 | 6.45 | 1477. |
| 300 | 5.85 | 33.71 | 298 | 26.58 | 150.2 | 6.84 | 8.58 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 116
54-36.0 N 131-33.5 W
MO.-10 DAY-27 12.7
31
32
33
34
35
SALINITY, O/OO

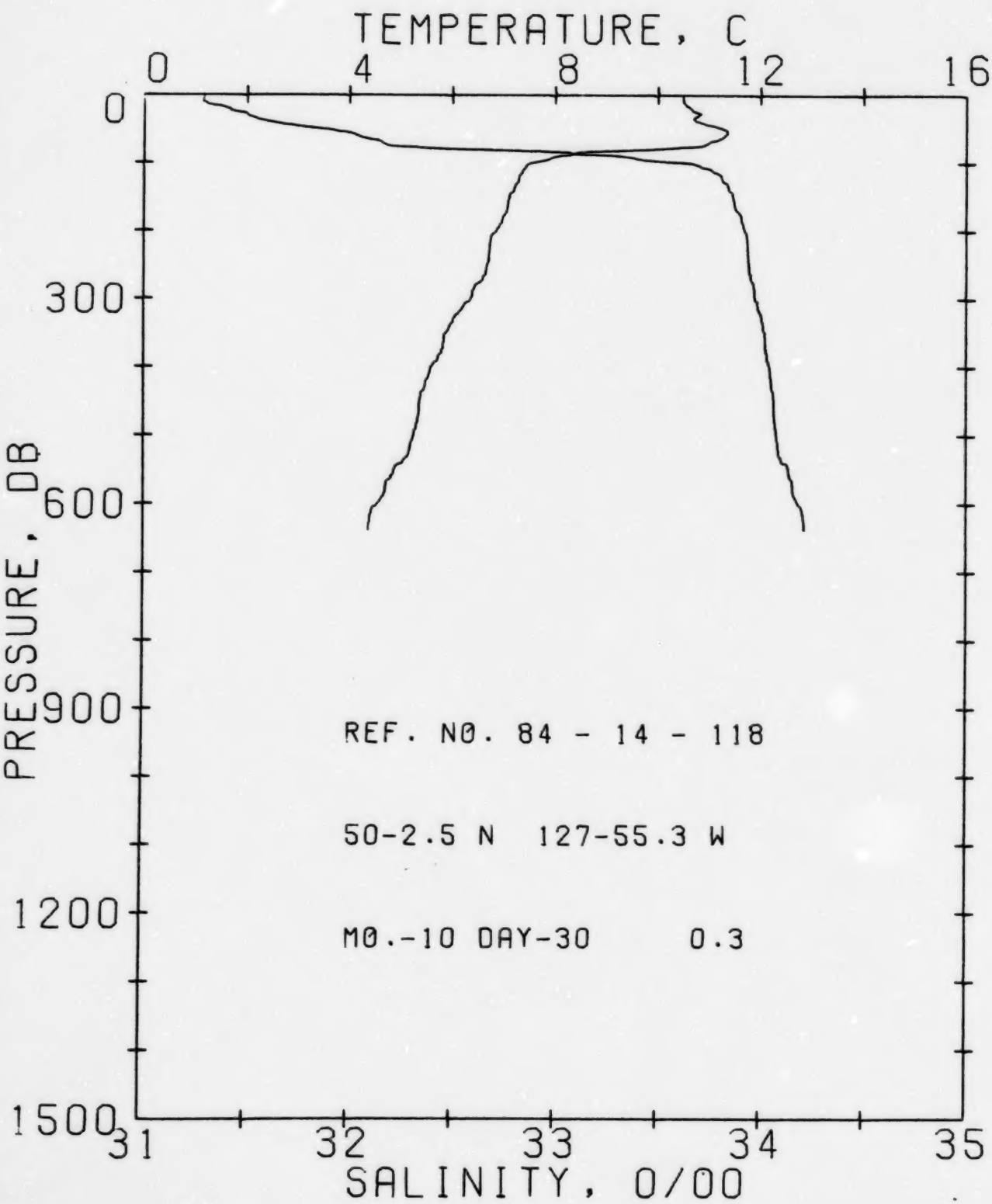
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-116 DATE 27/10/84
POSITION 54-36.0N, 131-33.5W GMT 12.7 STATION Q148
RESULTS OF STP CAST 140 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 9.83 | 31.37 | 0 | 24.17 | 375.3 | .00 | .00 | 1485. |
| 10 | 9.98 | 31.48 | 10 | 24.24 | 369.5 | .37 | .02 | 1486. |
| 20 | 9.84 | 31.89 | 20 | 24.58 | 337.0 | .72 | .07 | 1486. |
| 30 | 9.55 | 32.04 | 30 | 24.74 | 321.6 | 1.05 | .16 | 1485. |
| 50 | 8.45 | 32.53 | 50 | 25.30 | 269.2 | 1.63 | .39 | 1482. |
| 75 | 8.33 | 32.58 | 75 | 25.35 | 264.5 | 2.30 | .82 | 1482. |
| 100 | 8.03 | 32.70 | 99 | 25.49 | 251.4 | 2.95 | 1.39 | 1482. |
| 125 | 7.79 | 32.81 | 124 | 25.61 | 240.8 | 3.56 | 2.09 | 1481. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
REF. NO. 84 - 14 - 117
54-29.0 N 131-40.5 W
MO.-10 DAY-27 13.7
31
32
33
34
35
SALINITY, O/OO

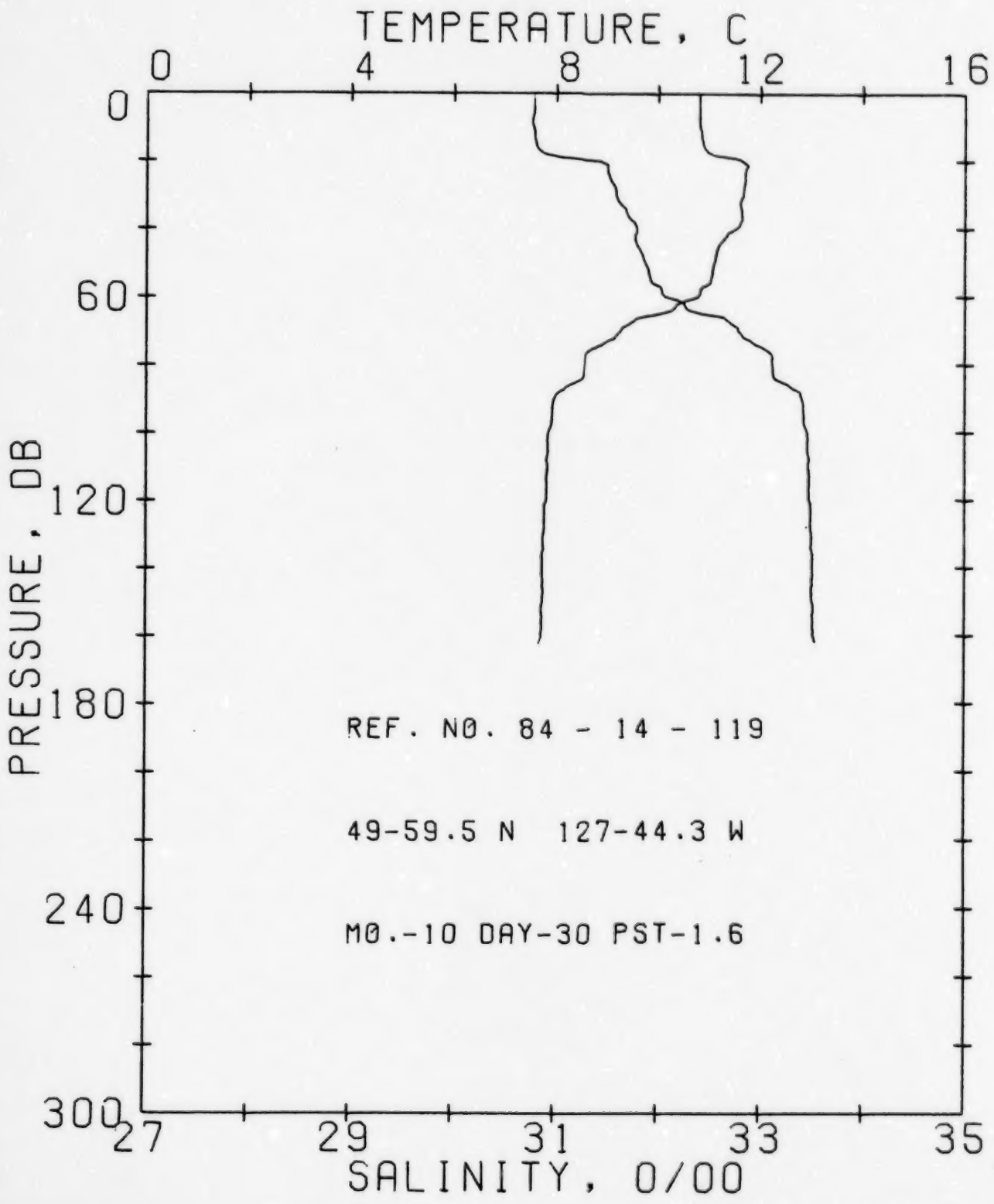
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-117 DATE 27/10/84
POSITION 54-29.0N, 131-40.5W GMT 13.7 STATION D 9
RESULTS OF STP CAST 313 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.15 | 31.06 | 0 | 23.88 | 403.1 | .00 | .00 | 1486. |
| 10 | 10.18 | 31.05 | 10 | 23.87 | 404.3 | .40 | .02 | 1486. |
| 20 | 10.18 | 31.06 | 20 | 23.88 | 404.2 | .81 | .08 | 1486. |
| 30 | 10.21 | 31.07 | 30 | 23.88 | 403.8 | 1.21 | .19 | 1487. |
| 50 | 10.43 | 31.47 | 50 | 24.16 | 378.0 | 2.00 | .51 | 1488. |
| 75 | 8.31 | 32.59 | 75 | 25.36 | 263.2 | 2.81 | 1.01 | 1482. |
| 100 | 7.43 | 32.93 | 99 | 25.76 | 226.2 | 3.41 | 1.55 | 1480. |
| 125 | 6.88 | 33.17 | 124 | 26.02 | 201.5 | 3.95 | 2.16 | 1478. |
| 150 | 6.33 | 33.42 | 149 | 26.29 | 176.1 | 4.41 | 2.80 | 1477. |
| 175 | 6.12 | 33.55 | 174 | 26.41 | 164.6 | 4.83 | 3.50 | 1476. |
| 200 | 6.02 | 33.60 | 199 | 26.47 | 159.9 | 5.23 | 4.28 | 1477. |
| 225 | 5.97 | 33.63 | 223 | 26.50 | 157.1 | 5.63 | 5.13 | 1477. |
| 250 | 5.96 | 33.64 | 248 | 26.51 | 156.4 | 6.02 | 6.08 | 1477. |
| 300 | 5.80 | 33.73 | 298 | 26.60 | 148.4 | 6.79 | 8.22 | 1477. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 118
50-2.5 N 127-55.3 W
MO.-10 DAY-30 0.3
31
32
33
34
35
SALINITY, O/OO

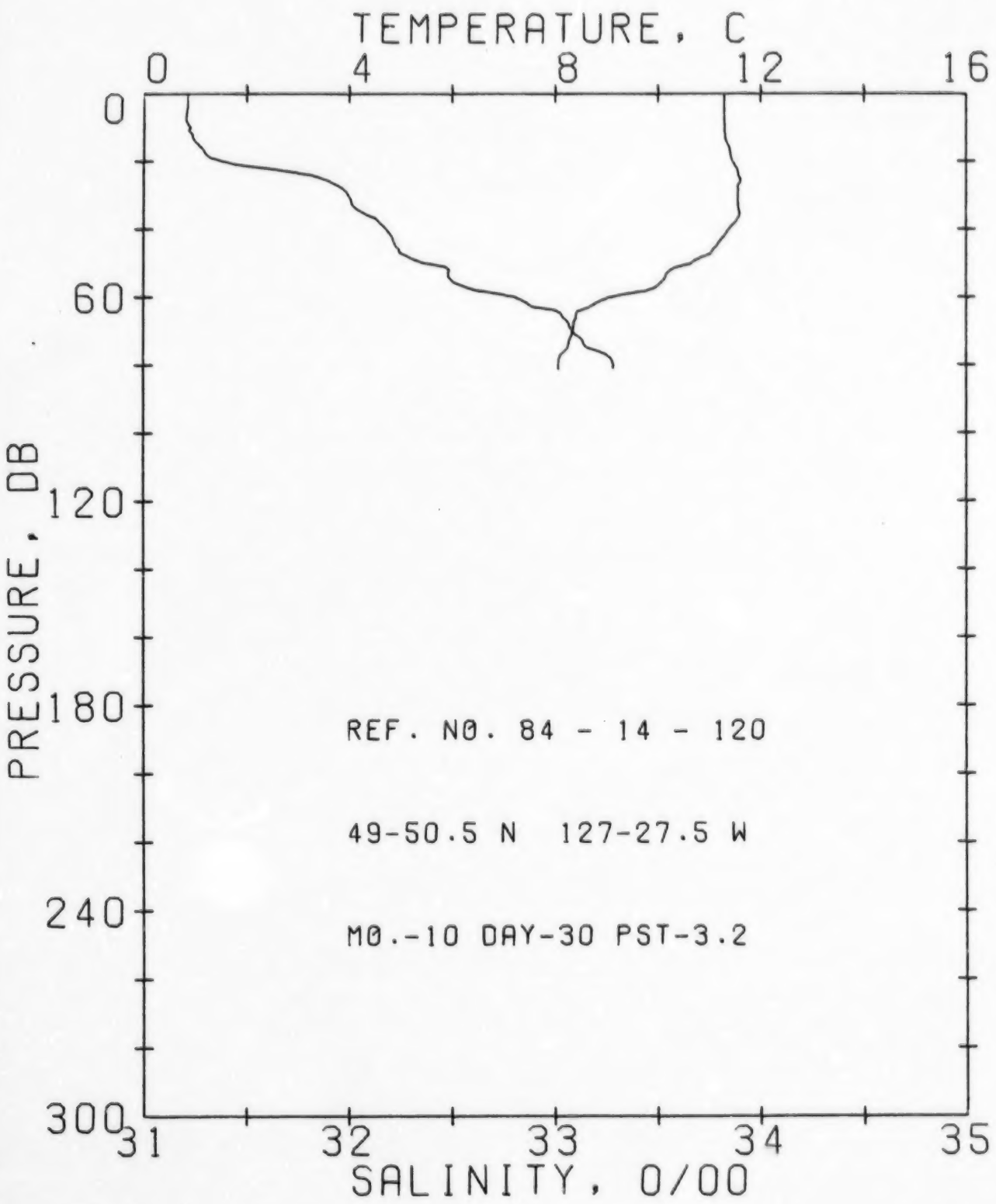
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-118 DATE 30/10/84
POSITION 50- 2.5N, 127-55.3W GMT .3 STATION M 2
RESULTS OF STP CAST 638 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.49 | 31.29 | 0 | 24.01 | 391.5 | .00 | .00 | 1487. |
| 10 | 10.48 | 31.29 | 10 | 24.00 | 392.0 | .39 | .02 | 1488. |
| 20 | 10.65 | 31.42 | 20 | 24.08 | 384.8 | .78 | .08 | 1488. |
| 30 | 10.77 | 31.51 | 30 | 24.13 | 380.4 | 1.16 | .18 | 1489. |
| 50 | 11.34 | 31.90 | 50 | 24.33 | 361.6 | 1.91 | .48 | 1492. |
| 75 | 10.77 | 32.22 | 75 | 24.68 | 328.8 | 2.77 | 1.03 | 1491. |
| 100 | 7.49 | 33.67 | 99 | 26.32 | 172.3 | 3.35 | 1.53 | 1481. |
| 125 | 7.30 | 33.82 | 124 | 26.47 | 159.0 | 3.76 | 2.00 | 1481. |
| 150 | 7.11 | 33.87 | 149 | 26.53 | 153.1 | 4.15 | 2.55 | 1480. |
| 175 | 7.03 | 33.90 | 174 | 26.57 | 150.0 | 4.53 | 3.18 | 1481. |
| 200 | 6.86 | 33.93 | 199 | 26.62 | 146.1 | 4.90 | 3.88 | 1480. |
| 225 | 6.73 | 33.94 | 223 | 26.64 | 144.0 | 5.26 | 4.67 | 1480. |
| 250 | 6.68 | 33.94 | 248 | 26.65 | 143.2 | 5.62 | 5.54 | 1480. |
| 300 | 6.37 | 33.97 | 298 | 26.72 | 137.6 | 6.32 | 7.50 | 1480. |
| 400 | 5.59 | 34.04 | 397 | 26.87 | 123.8 | 7.62 | 12.12 | 1479. |
| 500 | 5.26 | 34.08 | 496 | 26.94 | 118.3 | 8.82 | 17.65 | 1479. |
| 600 | 4.56 | 34.19 | 595 | 27.10 | 103.0 | 9.93 | 23.87 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 119
49-59.5 N 127-44.3 W
MO.-10 DAY-30 PST-1.6
27
29
31
33
35
SALINITY, O/OO

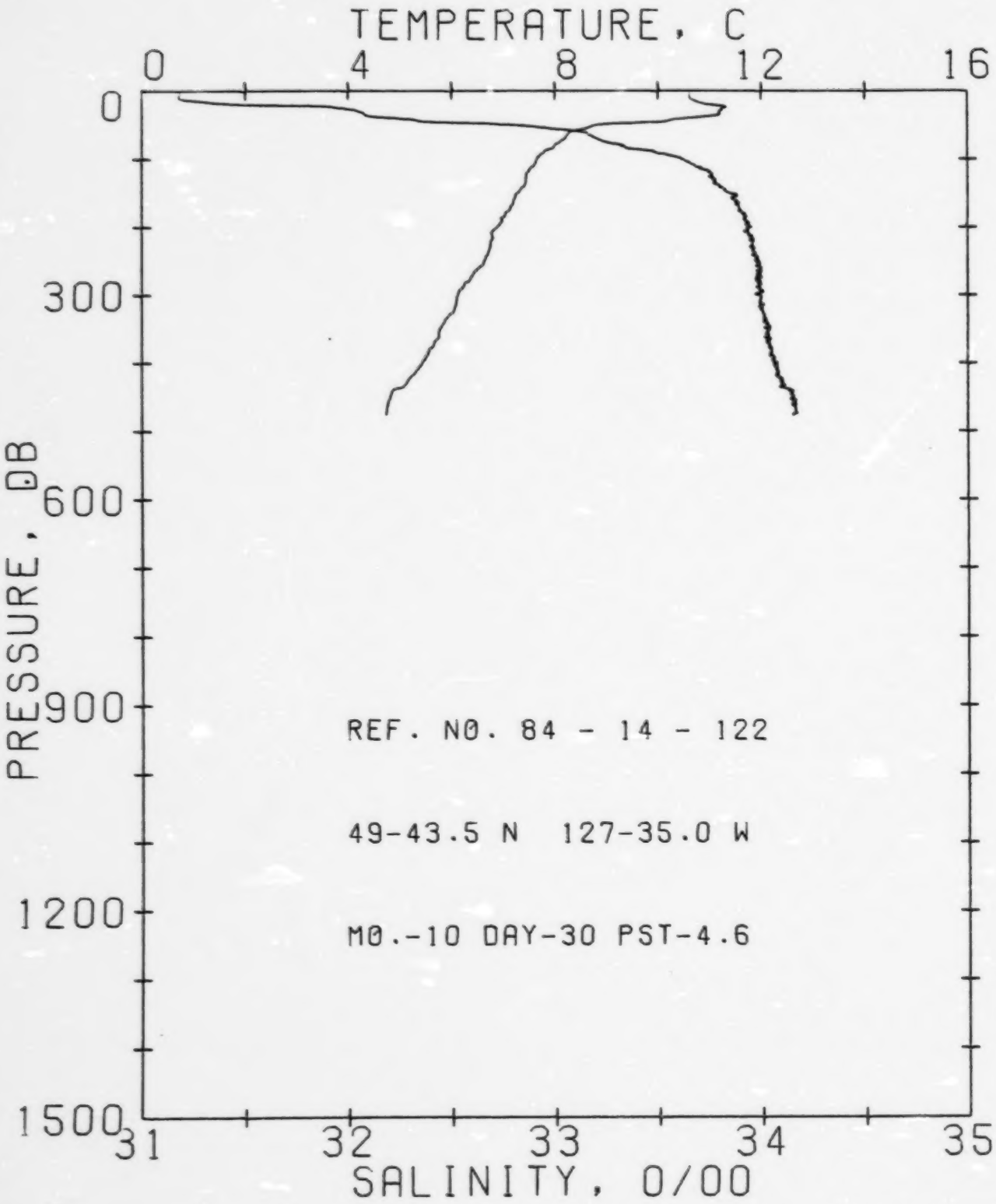
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-119 DATE 30/10/84
POSITION 49-59.5N, 127-44.3W GMT 1.6 STATION L 2
RESULTS OF STP CAST 163 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.80 | 30.78 | 0 | 23.56 | 434.1 | .00 | .00 | 1488. |
| 10 | 10.81 | 30.78 | 10 | 23.55 | 435.1 | .43 | .02 | 1488. |
| 20 | 11.66 | 31.44 | 20 | 23.91 | 400.5 | .87 | .09 | 1492. |
| 30 | 11.67 | 31.59 | 30 | 24.03 | 389.7 | 1.26 | .19 | 1493. |
| 50 | 11.11 | 31.88 | 50 | 24.35 | 359.4 | 2.01 | .49 | 1491. |
| 75 | 8.76 | 33.03 | 75 | 25.64 | 237.3 | 2.78 | .98 | 1484. |
| 100 | 7.85 | 33.47 | 99 | 26.12 | 192.2 | 3.31 | 1.44 | 1482. |
| 125 | 7.77 | 33.50 | 124 | 26.15 | 189.3 | 3.79 | 1.99 | 1482. |
| 150 | 7.74 | 33.51 | 149 | 26.17 | 188.2 | 4.26 | 2.65 | 1482. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 120
49-50.5 N 127-27.5 W
MO.-10 DAY-30 PST-3.2
31
32
33
34
35
SALINITY, O/OO

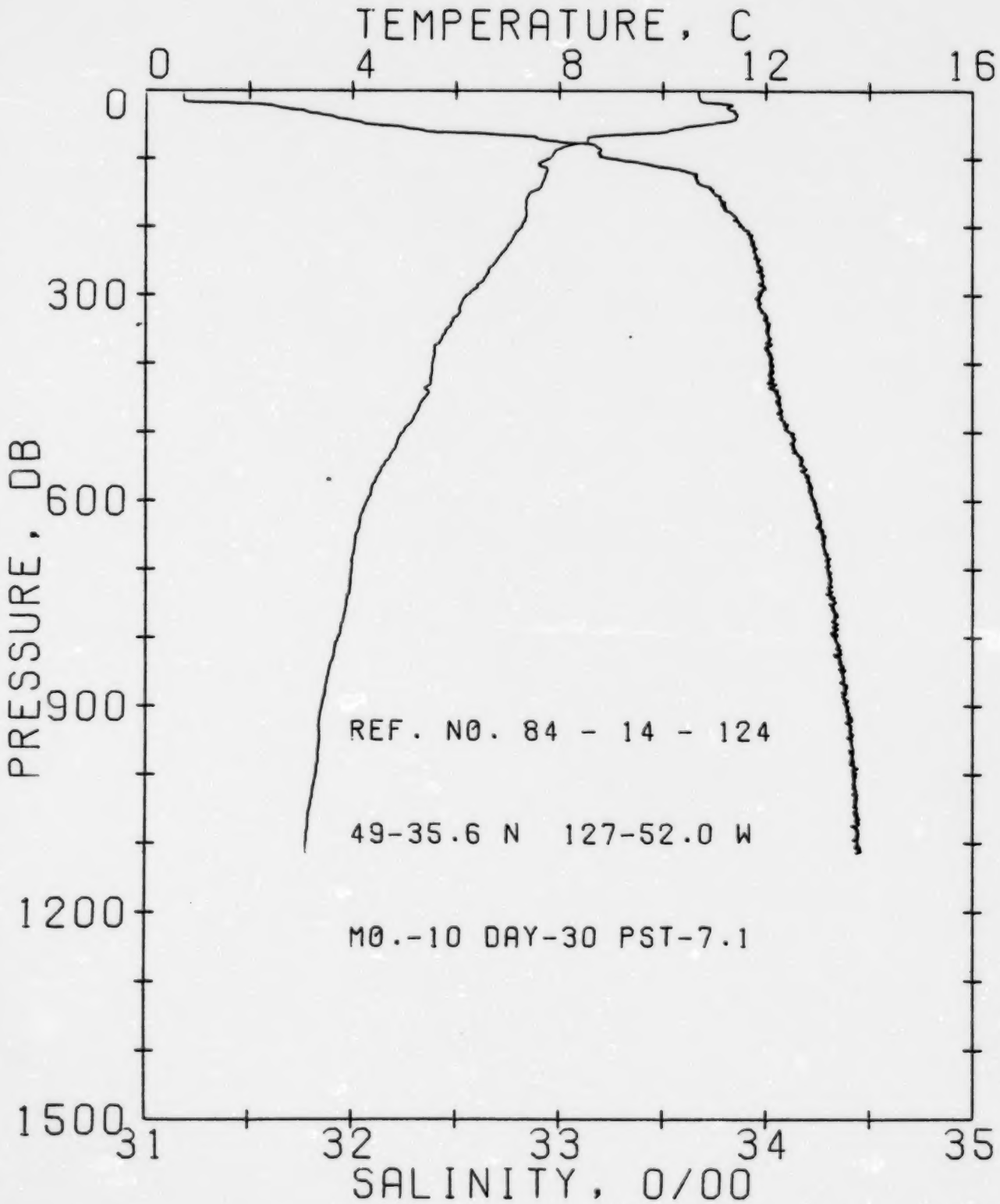
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-120 DATE 30/10/84
POSITION 49-50.5N, 127-27.5W GMT 3.2 STATION K 3
RESULTS OF STP CAST 82 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.29 | 31.21 | 0 | 23.80 | 410.6 | .00 | .00 | 1490. |
| 10 | 11.30 | 31.23 | 10 | 23.82 | 409.7 | .41 | .02 | 1490. |
| 20 | 11.45 | 31.38 | 20 | 23.91 | 401.3 | .82 | .08 | 1491. |
| 30 | 11.56 | 32.00 | 30 | 24.36 | 357.9 | 1.19 | .18 | 1493. |
| 50 | 10.65 | 32.36 | 50 | 24.80 | 316.4 | 1.88 | .46 | 1490. |
| 75 | 8.25 | 33.16 | 75 | 25.81 | 220.6 | 2.52 | .86 | 1483. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 122
49-43.5 N 127-35.0 W
MO.-10 DAY-30 PST-4.6
31
32
33
34
35
SALINITY, O/OO

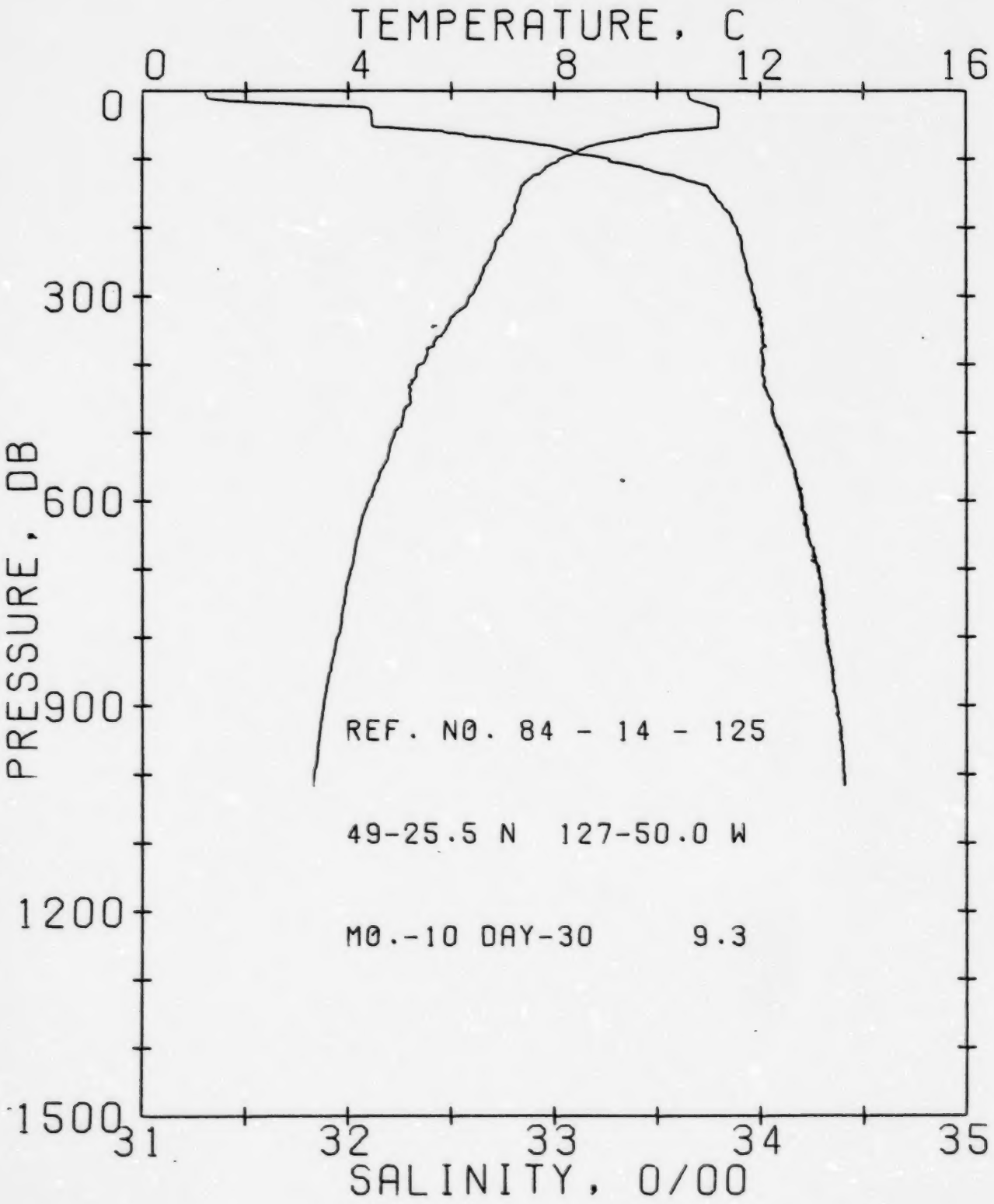
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-122 DATE 30/10/84
POSITION 49-43.5N, 127-35.0W GMT 4.6 STATION K 4
RESULTS OF STP CAST 471 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.62 | 31.18 | 0 | 23.90 | 401.7 | .00 | .00 | 1488. |
| 10 | 10.62 | 31.18 | 10 | 23.90 | 402.1 | .40 | .02 | 1488. |
| 20 | 10.95 | 31.49 | 20 | 24.08 | 384.7 | .80 | .08 | 1490. |
| 30 | 11.19 | 32.05 | 30 | 24.47 | 347.7 | 1.16 | .17 | 1491. |
| 50 | 8.78 | 32.80 | 50 | 25.46 | 253.9 | 1.79 | .43 | 1484. |
| 75 | 8.09 | 33.26 | 75 | 25.91 | 211.0 | 2.35 | .78 | 1482. |
| 100 | 7.64 | 33.62 | 99 | 26.26 | 178.1 | 2.84 | 1.21 | 1481. |
| 125 | 7.43 | 33.77 | 124 | 26.41 | 164.6 | 3.26 | 1.70 | 1481. |
| 150 | 7.27 | 33.86 | 149 | 26.50 | 156.2 | 3.67 | 2.27 | 1481. |
| 175 | 7.10 | 33.89 | 174 | 26.56 | 151.5 | 4.05 | 2.90 | 1481. |
| 200 | 6.87 | 33.95 | 199 | 26.63 | 144.9 | 4.42 | 3.61 | 1480. |
| 225 | 6.74 | 33.95 | 223 | 26.65 | 142.9 | 4.78 | 4.39 | 1480. |
| 250 | 6.62 | 33.99 | 248 | 26.69 | 139.2 | 5.14 | 5.25 | 1480. |
| 300 | 6.11 | 33.99 | 298 | 26.77 | 132.8 | 5.82 | 7.15 | 1479. |
| 400 | 5.41 | 34.06 | 397 | 26.90 | 120.6 | 7.09 | 11.67 | 1478. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 124
49-35.6 N 127-52.0 W
MO.-10 DAY-30 PST-7.1
31
32
33
34
35
SALINITY, O/OO

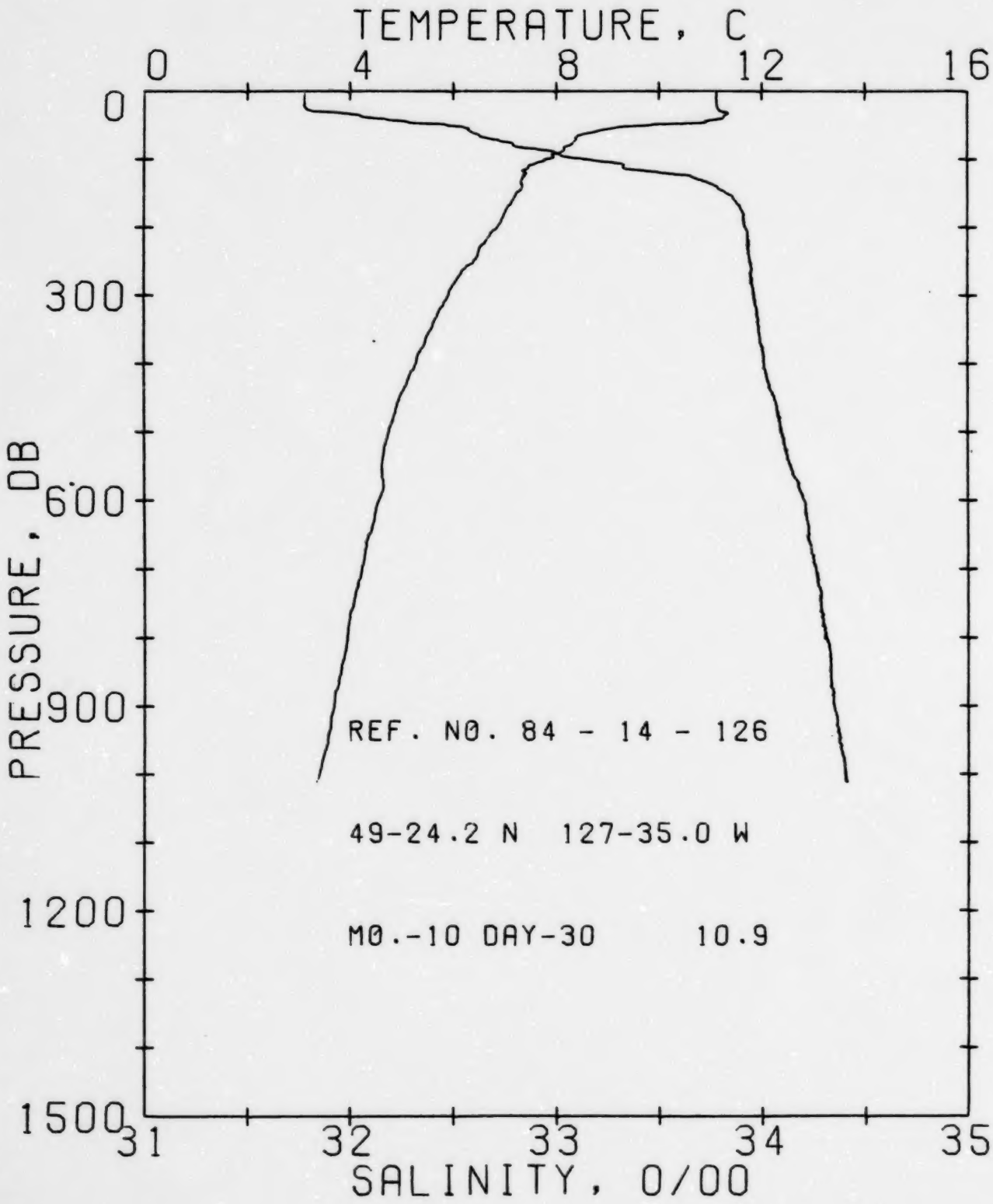
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-124 DATE 30/10/84
POSITION 49-35.6N, 127-52.0W GMT 7.1 STATION K 7
RESULTS OF STP CAST 1101 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.69 | 31.18 | 0 | 23.89 | 402.9 | .00 | .00 | 1488. |
| 10 | 10.69 | 31.18 | 10 | 23.88 | 403.3 | .40 | .02 | 1488. |
| 20 | 11.34 | 31.54 | 20 | 24.05 | 387.3 | .80 | .08 | 1491. |
| 30 | 11.39 | 31.77 | 30 | 24.22 | 371.3 | 1.18 | .18 | 1492. |
| 50 | 10.78 | 32.09 | 50 | 24.58 | 337.8 | 1.90 | .47 | 1490. |
| 75 | 8.55 | 33.00 | 75 | 25.64 | 236.8 | 2.61 | .91 | 1484. |
| 100 | 7.78 | 33.26 | 99 | 25.96 | 206.8 | 3.15 | 1.39 | 1481. |
| 125 | 7.74 | 33.66 | 124 | 26.28 | 177.0 | 3.62 | 1.93 | 1482. |
| 150 | 7.44 | 33.75 | 149 | 26.39 | 166.7 | 4.05 | 2.54 | 1482. |
| 175 | 7.36 | 33.80 | 174 | 26.45 | 161.7 | 4.46 | 3.21 | 1482. |
| 200 | 7.28 | 33.89 | 199 | 26.53 | 154.4 | 4.85 | 3.97 | 1482. |
| 225 | 7.03 | 33.94 | 223 | 26.61 | 147.5 | 5.23 | 4.78 | 1481. |
| 250 | 6.80 | 33.95 | 248 | 26.65 | 143.9 | 5.59 | 5.67 | 1481. |
| 300 | 6.21 | 33.98 | 298 | 26.74 | 134.9 | 6.29 | 7.62 | 1479. |
| 400 | 5.55 | 34.04 | 397 | 26.87 | 123.6 | 7.58 | 12.23 | 1479. |
| 500 | 4.98 | 34.12 | 496 | 27.00 | 111.7 | 8.79 | 17.74 | 1478. |
| 600 | 4.29 | 34.24 | 595 | 27.17 | 96.0 | 9.83 | 23.54 | 1477. |
| 800 | 3.73 | 34.33 | 793 | 27.30 | 84.6 | 11.61 | 36.21 | 1478. |
| 1000 | 3.29 | 34.44 | 991 | 27.43 | 73.2 | 13.16 | 50.44 | 1479. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 125
49-25.5 N 127-50.0 W
MO.-10 DAY-30 9.3
31
32
33
34
35
SALINITY, O/OO

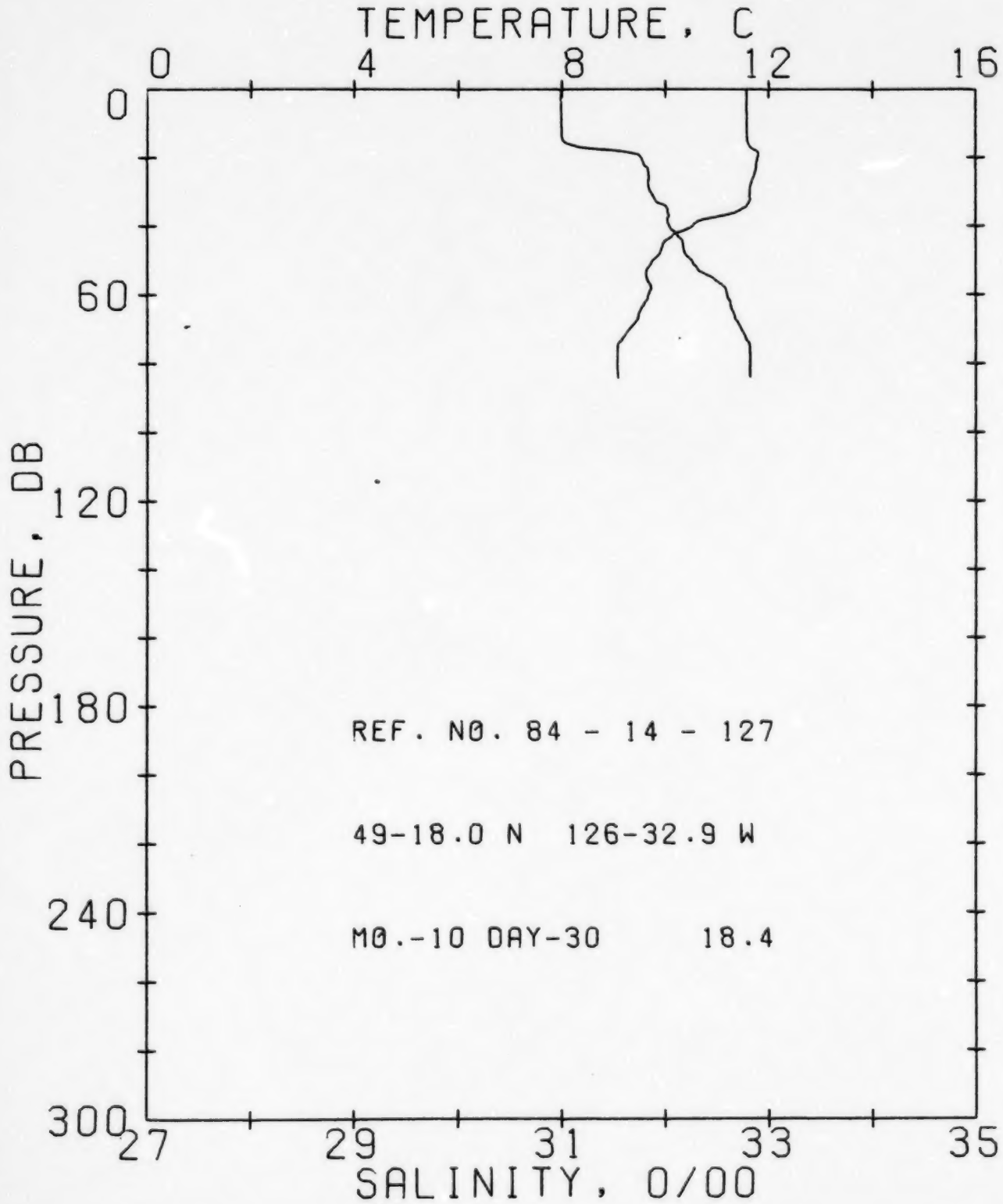
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-125 DATE 30/10/84
POSITION 49-25.5N, 127-50.0W GMT 9.3 STATION K 8A
RESULTS OF STP CAST 1013 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA. T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.60 | 31.31 | 0 | 24.00 | 392.1 | .00 | .00 | 1488. |
| 10 | 10.61 | 31.31 | 10 | 24.00 | 392.0 | .39 | .02 | 1488. |
| 20 | 10.95 | 31.77 | 20 | 24.29 | 364.3 | .77 | .08 | 1490. |
| 30 | 11.20 | 32.11 | 30 | 24.52 | 343.0 | 1.12 | .17 | 1492. |
| 50 | 11.20 | 32.12 | 50 | 24.52 | 343.0 | 1.81 | .45 | 1492. |
| 75 | 9.00 | 32.86 | 75 | 25.47 | 253.3 | 2.55 | .91 | 1485. |
| 100 | 8.09 | 33.27 | 99 | 25.93 | 210.0 | 3.12 | 1.42 | 1483. |
| 125 | 7.59 | 33.59 | 124 | 26.25 | 179.6 | 3.61 | 1.98 | 1482. |
| 150 | 7.33 | 33.77 | 149 | 26.43 | 163.1 | 4.03 | 2.57 | 1481. |
| 175 | 7.25 | 33.84 | 174 | 26.49 | 157.6 | 4.44 | 3.24 | 1481. |
| 200 | 7.07 | 33.89 | 199 | 26.56 | 151.8 | 4.82 | 3.98 | 1481. |
| 225 | 6.86 | 33.91 | 223 | 26.60 | 147.7 | 5.20 | 4.78 | 1481. |
| 250 | 6.71 | 33.93 | 248 | 26.64 | 144.3 | 5.56 | 5.67 | 1481. |
| 300 | 6.36 | 33.97 | 298 | 26.72 | 137.5 | 6.27 | 7.65 | 1480. |
| 400 | 5.37 | 34.02 | 397 | 26.88 | 122.5 | 7.56 | 12.26 | 1478. |
| 500 | 4.91 | 34.10 | 496 | 27.00 | 112.1 | 8.75 | 17.71 | 1478. |
| 600 | 4.39 | 34.20 | 595 | 27.13 | 99.7 | 9.81 | 23.64 | 1477. |
| 800 | 3.79 | 34.32 | 793 | 27.29 | 85.5 | 11.65 | 36.70 | 1478. |
| 1000 | 3.34 | 34.41 | 991 | 27.41 | 75.5 | 13.25 | 51.38 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 14 - 126
49-24.2 N 127-35.0 W
MO.-10 DAY-30 10.9
31
32
33
34
35
SALINITY, O/OO

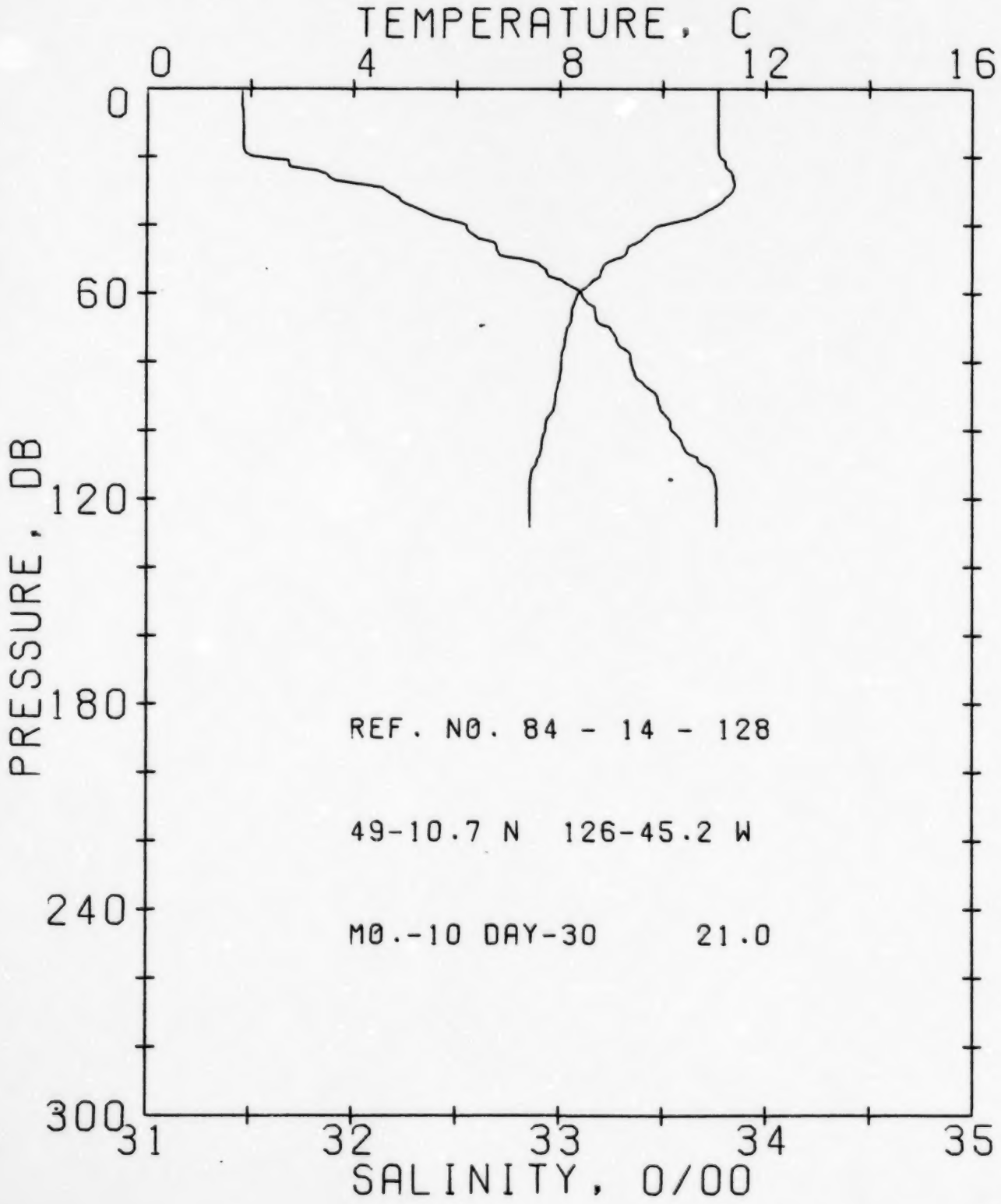
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-126 DATE 30/10/84
POSITION 49-24.2N, 127-35.0W GMT 10.9 STATION J 7
RESULTS OF STP CAST 1012 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.13 | 31.78 | 0 | 24.27 | 365.8 | .00 | .00 | 1490. |
| 10 | 11.11 | 31.78 | 10 | 24.27 | 365.9 | .37 | .02 | 1490. |
| 20 | 11.12 | 31.77 | 20 | 24.27 | 366.6 | .73 | .07 | 1491. |
| 30 | 11.33 | 31.93 | 30 | 24.35 | 359.1 | 1.10 | .17 | 1492. |
| 50 | 9.63 | 32.49 | 50 | 25.08 | 290.1 | 1.77 | .44 | 1487. |
| 75 | 8.33 | 32.79 | 75 | 25.51 | 249.0 | 2.43 | .86 | 1483. |
| 100 | 7.80 | 33.17 | 99 | 25.89 | 213.8 | 3.01 | 1.38 | 1481. |
| 125 | 7.35 | 33.67 | 124 | 26.34 | 170.9 | 3.50 | 1.93 | 1481. |
| 150 | 7.22 | 33.83 | 149 | 26.49 | 157.3 | 3.90 | 2.50 | 1481. |
| 175 | 7.02 | 33.90 | 174 | 26.57 | 149.7 | 4.29 | 3.13 | 1481. |
| 200 | 6.85 | 33.92 | 199 | 26.61 | 146.5 | 4.66 | 3.84 | 1480. |
| 225 | 6.55 | 33.94 | 223 | 26.67 | 141.6 | 5.02 | 4.62 | 1480. |
| 250 | 6.40 | 33.94 | 248 | 26.69 | 139.9 | 5.37 | 5.47 | 1479. |
| 300 | 5.89 | 33.96 | 298 | 26.77 | 132.3 | 6.04 | 7.37 | 1478. |
| 400 | 5.26 | 34.01 | 397 | 26.88 | 122.4 | 7.31 | 11.89 | 1477. |
| 500 | 4.74 | 34.09 | 496 | 27.01 | 111.2 | 8.47 | 17.20 | 1477. |
| 600 | 4.55 | 34.21 | 595 | 27.12 | 101.3 | 9.54 | 23.16 | 1478. |
| 800 | 3.94 | 34.31 | 793 | 27.26 | 88.7 | 11.43 | 36.61 | 1479. |
| 1000 | 3.40 | 34.40 | 991 | 27.39 | 76.8 | 13.09 | 51.77 | 1480. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 127
49-18.0 N 126-32.9 W
MO.-10 DAY-30 18.4
27
29
31
33
35
SALINITY, O/OO

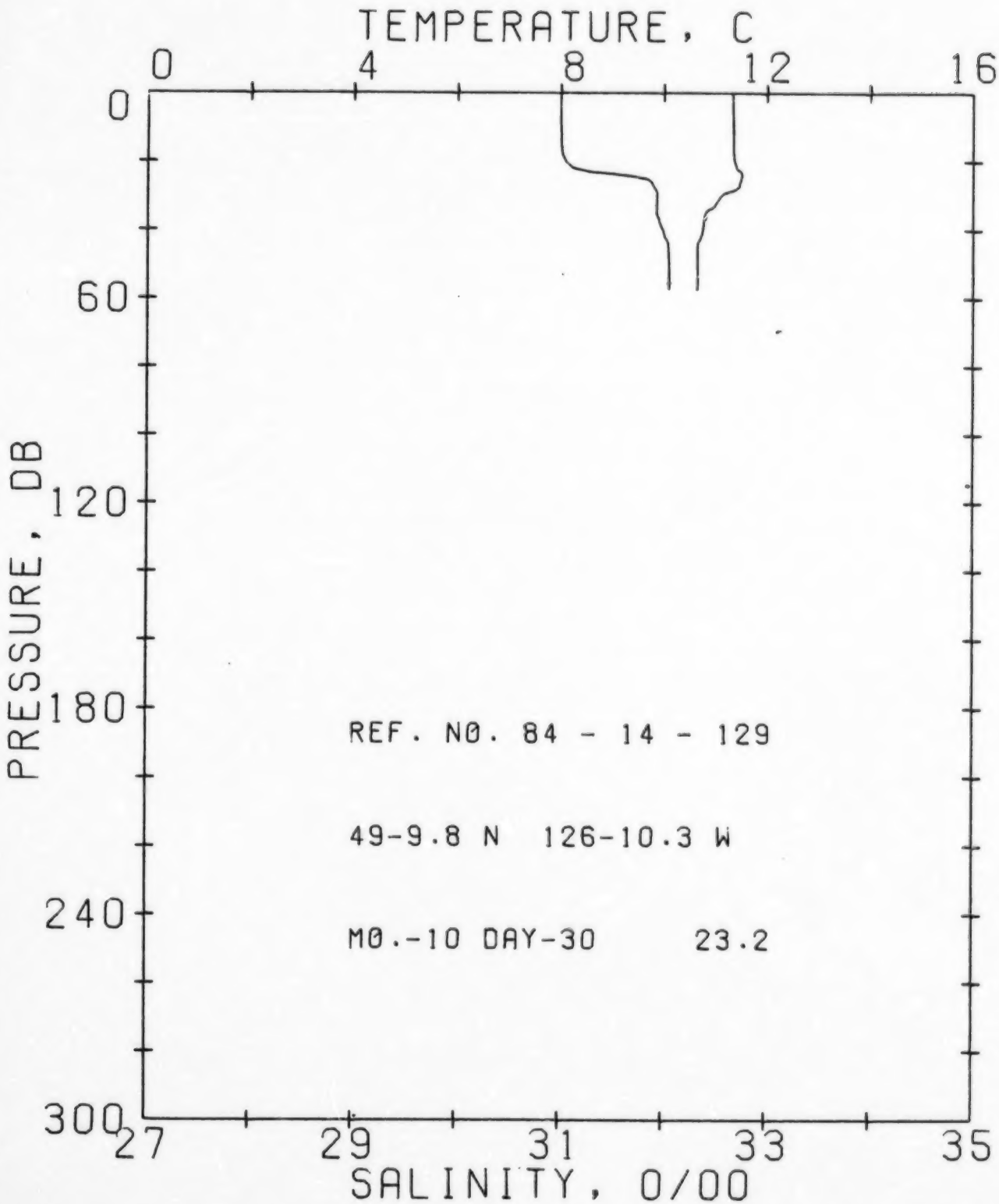
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-127 DATE 30/10/84
POSITION 49-18.0N, 126-32.9W GMT 18.4 STATION E 1
RESULTS OF STP CAST 85 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.58 | 30.99 | 0 | 23.58 | 431.8 | .00 | .00 | 1491. |
| 10 | 11.58 | 31.00 | 10 | 23.59 | 431.6 | .43 | .02 | 1491. |
| 20 | 11.79 | 31.77 | 20 | 24.15 | 378.1 | .85 | .09 | 1493. |
| 30 | 11.63 | 31.86 | 30 | 24.25 | 369.1 | 1.22 | .18 | 1493. |
| 50 | 9.75 | 32.26 | 50 | 24.88 | 309.0 | 1.90 | .45 | 1487. |
| 75 | 9.08 | 32.82 | 75 | 25.43 | 257.5 | 2.60 | .90 | 1485. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 128
49-10.7 N 126-45.2 W
MO.-10 DAY-30 21.0
31
32
33
34
35
SALINITY, O/OO

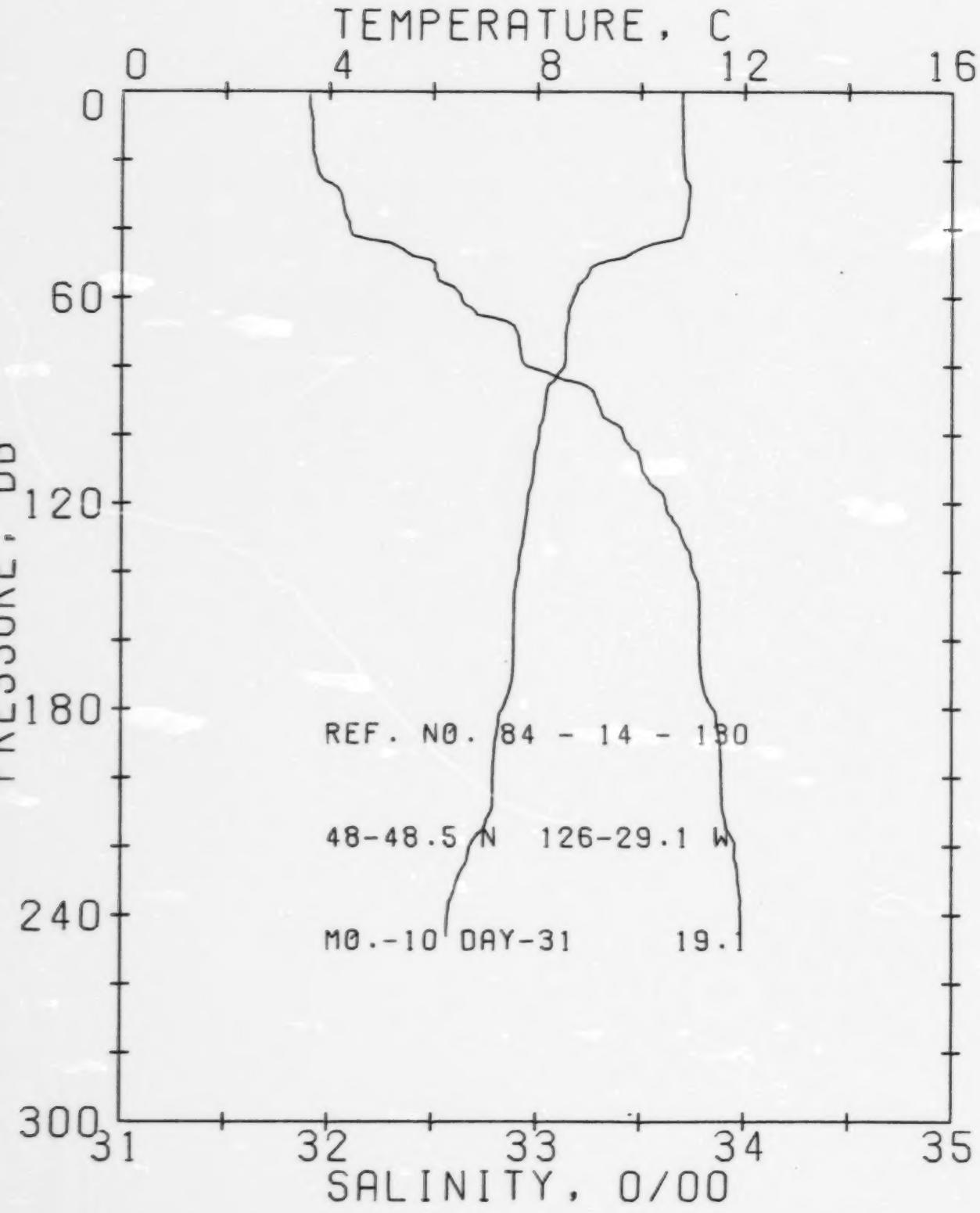
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-128 DATE 30/10/84
POSITION 49-10.7N, 126-45.2W GMT 21.0 STATION E 2
RESULTS OF STP CAST 129 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.07 | 31.46 | 0 | 24.03 | 388.7 | .00 | .00 | 1490. |
| 10 | 11.07 | 31.47 | 10 | 24.04 | 388.3 | .39 | .02 | 1490. |
| 20 | 11.11 | 31.52 | 20 | 24.07 | 385.4 | .78 | .08 | 1490. |
| 30 | 11.37 | 32.16 | 30 | 24.53 | 342.2 | 1.14 | .17 | 1492. |
| 50 | 9.05 | 32.83 | 50 | 25.44 | 256.1 | 1.74 | .41 | 1485. |
| 75 | 8.11 | 33.29 | 75 | 25.94 | 208.8 | 2.30 | .77 | 1482. |
| 100 | 7.73 | 33.55 | 99 | 26.19 | 184.7 | 2.79 | 1.21 | 1482. |
| 125 | 7.42 | 33.76 | 124 | 26.41 | 164.6 | 3.22 | 1.69 | 1481. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 129
49-9.8 N 126-10.3 W
MO.-10 DAY-30 23.2
27
29
31
33
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-129 DATE 30/10/84
POSITION 49- 9.8N, 126-10.3W GMT 23.2 STATION T 1
RESULTS OF STP CAST 58 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 11.33 | 31.00 | 0 | 23.63 | 427.0 | .00 | .00 | 1490. |
| 10 | 11.35 | 31.01 | 10 | 23.64 | 426.9 | .43 | .02 | 1490. |
| 20 | 11.37 | 31.06 | 20 | 23.67 | 423.8 | .85 | .09 | 1491. |
| 30 | 11.12 | 31.93 | 30 | 24.40 | 354.9 | 1.24 | .18 | 1491. |
| 50 | 10.66 | 32.05 | 50 | 24.57 | 338.8 | 1.93 | .46 | 1490. |


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 14 - 130
48-48.5 N 126-29.1 W
MO.-10 DAY-31 19.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-14-130 DATE 31/10/84
POSITION 48-48.5N, 126-29.1W GMT 19.1 STATION T 5
RESULTS OF STP CAST 247 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

| PRESS | TEMP | SAL | DEPTH | SIGMA T | SVA | DELTA D | POT. EN | SOUND |
|---|---|---|---|---|---|---|---|---|
| 0 | 10.79 | 31.90 | 0 | 24.43 | 351.1 | .00 | .00 | 1489. |
| 10 | 10.80 | 31.92 | 10 | 24.44 | 350.5 | .35 | .02 | 1490. |
| 20 | 10.83 | 31.94 | 20 | 24.45 | 349.7 | .70 | .07 | 1490. |
| 30 | 10.94 | 32.06 | 30 | 24.52 | 342.7 | 1.05 | .16 | 1491. |
| 50 | 9.17 | 32.51 | 50 | 25.17 | 281.5 | 1.70 | .42 | 1485. |
| 75 | 8.55 | 32.92 | 75 | 25.58 | 242.3 | 2.35 | .84 | 1484. |
| 100 | 8.04 | 33.42 | 99 | 26.05 | 198.6 | 2.90 | 1.32 | 1483. |
| 125 | 7.79 | 33.66 | 124 | 26.27 | 177.6 | 3.37 | 1.86 | 1482. |
| 150 | 7.57 | 33.79 | 149 | 26.41 | 165.3 | 3.79 | 2.45 | 1482. |
| 175 | 7.48 | 33.81 | 174 | 26.44 | 162.7 | 4.20 | 3.14 | 1482. |
| 200 | 7.17 | 33.89 | 199 | 26.55 | 152.6 | 4.59 | 3.88 | 1482. |
| 225 | 6.64 | 33.97 | 223 | 26.68 | 140.5 | 4.96 | 4.68 | 1480. |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14- 20 DATE 16/10/84 GMT .7
POSITION 53-56.9 N, 133-36.0 W STATION Q020
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | 11.74 | 31.893 | 6.169 |
| 10 | 11.75 | 31.895 | 6.175 |
| 20 | 11.74 | 31.892 | 6.113 |
| 29 | 11.76 | 31.894 | 6.116 |
| 49 | 11.68 | 31.900 | 6.090 |
| 73 | 11.66 | 32.050 | 5.720 |
| 98 | 7.85 | 32.947 | 4.110 |
| 122 | 7.39 | 33.288 | 3.976 |
| 146 | 7.14 | 33.473 | 3.703 |
| 171 | 6.87 | 33.662 | 3.389 |
| 195 | 6.65 | 33.786 | 3.127 |
| 244 | 6.20 | 33.878 | 2.619 |
| 294 | 6.05 | 33.911 | 2.414 |
| 394 | 5.93 | 33.924 | 2.215 |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14- 25 DATE 16/10/84 GMT 4.2
POSITION 53-42.8 N, 133-12.2 W STATION Q 67
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | 11.80 | 31.784 | 6.264 |
| 10 | 11.82 | 31.777 | 6.147 |
| 20 | 11.82 | 31.777 | 6.103 |
| 30 | 11.85 | 31.855 | 5.980 |
| 50 | 11.69 | 31.998 | 5.724 |
| 75 | 8.87 | 32.723 | 4.644 |
| 100 | 7.58 | 33.287 | 3.838 |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14- 29 DATE 16/10/84 GMT 9.4
POSITION 53-16.0 N, 133-38.0 W STATION Q073
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | 11.39 | 32.089 | 6.177 |
| 10 | 11.41 | 32.093 | 6.188 |
| 20 | 11.39 | 32.089 | 6.172 |
| 29 | 11.42 | 32.093 | 6.163 |
| 49 | 11.37 | 32.122 | 6.063 |
| 73 | 8.02 | 32.678 | 6.081 |
| 98 | 7.64 | 33.116 | 3.857 |
| 122 | 7.08 | 33.481 | 3.852 |
| 147 | 6.93 | 33.619 | 3.670 |
| 171 | 6.60 | 33.758 | 3.523 |
| 196 | 6.39 | 33.832 | 3.347 |
| 245 | 6.02 | 33.889 | 2.958 |
| 294 | | 33.912 | 2.386 |
| 392 | 4.91 | 33.966 | 1.543 |
| 491 | 4.52 | 34.043 | .999 |
| 591 | 4.33 | 34.138 | .588 |
| 790 | 3.78 | 34.253 | .335 |
| 990 | 3.28 | 34.335 | .312 |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14- 34 DATE 18/10/84 GMT 3.9
POSITION 53-39.9 N, 133-23.1 W STATION Q069
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | 11.50 | 31.859 | 5.966 |
| 10 | 11.51 | 31.882 | 6.176 |
| 20 | 11.50 | 31.860 | 6.161 |
| 29 | 11.51 | 31.861 | 6.158 |
| 49 | 11.50 | 31.858 | 6.181 |
| 74 | 8.97 | 32.635 | 4.700 |
| 99 | 7.77 | 33.052 | 4.234 |
| 124 | 7.54 | 33.383 | 3.740 |
| 149 | 7.07 | 33.601 | 3.689 |
| 174 | 6.85 | 33.731 | 3.326 |
| 199 | 6.64 | 33.809 | 3.090 |
| 249 | 6.27 | 33.901 | 2.753 |
| 299 | 5.88 | 33.937 | 2.247 |
| 398 | 5.42 | 33.982 | 1.681 |
| 493 | 4.95 | 34.042 | 1.149 |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14- 40 DATE 18/10/84 GMT 10.2
POSITION 53-48.8 N, 133-27.1 W STATION Q024
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | 11.40 | 31.851 | 6.166 |
| 10 | 11.41 | 31.859 | 6.185 |
| 19 | 11.40 | 31.853 | 6.147 |
| 29 | 11.42 | 31.858 | 6.149 |
| 48 | 11.37 | 31.868 | 6.134 |
| 72 | 8.79 | 32.589 | 4.723 |
| 95 | 7.92 | 33.005 | 3.853 |
| 119 | 7.46 | 33.270 | 3.700 |
| 142 | 7.07 | 33.531 | 3.499 |
| 166 | 6.94 | 33.637 | 3.300 |
| 189 | 6.76 | 33.754 | 3.182 |
| 236 | 6.43 | 33.842 | 2.798 |
| 284 | 6.33 | 33.863 | 2.687 |
| 319 | 6.34 | 33.862 | 2.707 |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14-121 DATE 30/10/84 GMT 3.4
POSITION 49-50.5 N, 127-27.6 W STATION K003
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | | 31.267 | 6.095 |
| 10 | | 31.300 | 6.137 |
| 20 | | 31.821 | 6.216 |
| 30 | | 31.983 | 6.081 |
| 50 | | 32.268 | 5.546 |

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 14-123 DATE 30/10/84 GMT 5.2
POSITION 49-43.0 N, 127-35.1 W STATION K004
HYDROGRAPHIC CAST DATA

OBSERVED DATA

| DEPTH | TEMP | SAL | OXY |
|---|---|---|---|
| 0 | | 31.218 | 6.221 |
| 10 | | 31.211 | 6.242 |
| 20 | | 32.003 | 6.243 |
| 30 | | 32.174 | 5.164 |
| 50 | | 32.948 | 3.949 |
| 75 | | 33.614 | 3.290 |
| 100 | | 33.615 | 3.071 |
| 125 | | 33.741 | 2.893 |
| 150 | | 33.829 | 2.833 |
| 175 | | 33.899 | 2.670 |
| 200 | | 33.924 | 2.402 |
| 250 | | 33.956 | 2.328 |
| 300 | | 33.973 | 2.164 |
| 400 | | 33.999 | 1.795 |